# Math-Magic

Pawl-IV Mathematics Zirlai Bu



*Prepared & Published by*
**State Council of Educational Research and Training**
**Mizoram**

**Prescribed for use as a textbook in Mathematics for Class IV by the State Council of Educational Research and Training (SCERT), Mizoram, Aizawl**

**Vide Notification No. M-17021/2/2025-EDN**
**Dated Aizawl, the 7th November, 2025**

**ALL RIGHTS RESERVED**

- No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise: no preparation of notes, substances, explanation, keys, etc in the form of book(s) for sale based on the printed book herein is permitted, without the prior permission of the Director, State Council of Educational Research and Training (SCERT), Mizoram, Aizawl.
- This book is sold subject to the condition that it shall not, by way of trade, be lent, resold, hired out or otherwise disposed of without the publisher's consent, in any form of binding or cover other than that in which it is published.
- The correct price of this publication is the price printed on this page. Any revised price indicated by a rubber stamp or by a sticker or by any other means is incorrect and should be unacceptable.

First Edition : **2015**

Twelfth Edition : **2026**

Copies : **5719**

Price : **₹ 75/-**

Published by :
**THE DIRECTOR**
**STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING (SCERT)**
**MIZORAM, AIZAWL**

Printed at : **Mizoram Government Press**
Aizawl, Mizoram

## Textbook Committee for Elementary Schools

| | |
|---|---|
| **Chairman** | : Director<br>SCERT |
| **Members** | : Rev. Dr. K. Thanzauva<br>Education Consultant<br>MERC |
| | : Director<br>School Education |
| | : Chairman<br>MBSE |
| | : Head, Deptt. of Education<br>Mizoram University |
| | : Principal<br>Pachhunga University College |
| | : State Project Director<br>Samagra Shiksha, Mizoram |
| | : Principal<br>IASE |
| | : Dr. Lalduhawmi Thomte<br>Joint Director, SCERT |
| | : Principal<br>DIET Aizawl |
| | : Representative of MSTA |
| | : Representative of MPTA |
| | : Representative of MISA |
| **Member Secretary** | : Zoramthangi Ralte<br>Joint Director, SCERT |

## Sub-Committee on Mathematics Textbooks

| | |
|---|---|
| **Coordinator** | : Pu F. Lalliansanga<br>Deputy Director<br>SCERT |
| **Members** | : Prof. LP. Lalduhawma<br>Deptt. of Mathematics<br>Pachhunga University College |
| | : Pu David Lallawmkima Fanai<br>Director (Academics)<br>MBSE |
| | : Pu H. Lalthazela<br>Lecturer<br>Govt. Mizo HSS |
| | : Pu C. Lalremruata<br>Teacher<br>Govt. Chaltlang H/S |
| | : Pi K. Lalremsiami<br>Teacher<br>PC Girls School |
| | : Pu Lalrosanga Sailo<br>Teacher<br>Model Comp. School<br>Representative of MSTA |
| | : Pu K. Lalsangpuia<br>Headmaster<br>Govt. Ainawn P/S<br>Representative of MPTA |
| | : Pu Zoramthara<br>Principal<br>Shepherd School<br>Representative of MISA |
| **Asst. Coordinator** | : Dr. C. Lalrozami<br>Programme Coordinator<br>SCERT |

# THE CONSTITUTION OF INDIA

## PREAMBLE

**WE, THE PEOPLE OF INDIA,** having solemnly resolved to constitute India into a [1]**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

**JUSTICE,** social, economic and political;

**LIBERTY** of thought, expression, belief, faith and worship;

**EQUALITY** of status and of opportunity; and to promote among them all

**FRATERNITY** assuring the dignity of the individual and the [2][unity and integrity of the Nation];

**IN OUR CONSTITUENT ASSEMBLY** this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

---

1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)

# THUHMAHRUAI

SCERT chuan Mizorama zirna changtlung leh ṭha a awm theihna tura hma a lak mek reng laiin, RTE Act, 2009 chuan mawhphurhna a pe a. Mizoram Elementary Education-a zirlai bi thliah tur leh zir tur duang tur leh zirlaite zir thiam chin leh an hmasawnna endik dan tur te duang turin Academic Authority atan a ruat a ni. Heng kan mawhphurhna tihlawhtling tura kan hma lakna atan Elementary school-ah zirlai bu thar buatsaih a ni a. Class IV & V a Mathematics textbook te hi NCERT lehkhabu kan ram mil tura her danglam leh Mizo ṭawnga lehlin te an ni.

An lehkhabu min hmantirtu NCERT chungah lawm thu ka sawi a, an zirlai bute hman phalna (copyright) leh Mizo ṭawnga lehlin phalna bakah kan ram mil tura siam danglam phalna min pek avangin a lawmawm êm êm a. RTE Act leh National Curriculum Framework 2005 te ngaihpawimawh hre reng chunga zirlaibute taima taka buatsaihtu, mi thiam leh ka thawhpuite chungah lawmthu ka sawi a.

Class IV & V zirlai naupangte hman tur zirlaibute hi ka thawhpui zirtirtute leh zirlai naupangte hman turin lungawi tak leh chhuang takin ka hlan a. A buatsaihtuten naupangte tana zir nuam zawng tak tura an buatsaih te chu, zirlaiten nuam ti takin an zir ngei ka beisei.

Aizawl
7th November, 2025

**CAROLINE ZORAMTHANGI**
Director, SCERT
Mizoram: Aizawl

# CONSTITUTION OF INDIA

**Part IV A (Article 51 A)**

## Fundamental Duties

Fundamental Duties – It shall be the duty of every citizen of India —

(a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;

(b) to cherish and follow the noble ideals which inspired our national struggle for freedom;

(c) to uphold and protect the sovereignty, unity and integrity of India;

(d) to defend the country and render national service when called upon to do so;

(e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;

(f) to value and preserve the rich heritage of our composite culture;

(g) to protect and improve the natural environment including forests, lakes, rivers, wildlife and to have compassion for living creatures;

(h) to develop the scientific temper, humanism and the spirit of inquiry and reform;

(i) to safeguard public property and to abjure violence;

(j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;

(k) who is a parent or guardian, to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.



# MATH-MAGIC

*He lehkhabu chhunga awmte*


| | | |
|---|---|---|
| | Thuhmahruai | iii |
| 1. | Brick hmanga din | 1 |
| 2. | Sei leh tawi | 13 |
| 3. | Bhopal-a zin | 23 |
| 4. | Chek-Chek-Chek | 35 |
| 5. | Khawvel lan dan | 52 |
| 6. | Thil hlui zuartu | 60 |
| 7. | Jug leh no | 69 |
| 8. | Tawlailir leh ke bial | 81 |
| 9. | Chanve leh hmunli a then | 94 |
| 10. | Ziarâng hmanga infiam | 107 |
| 11. | Hmun leh chanpual | 120 |
| 12. | Rih zâwng leh zân zâwng | 133 |

# 1 Brick Hmanga Din

## Jagriti sikul tâna brick ziarâng

Jagriti sikul hi Murshidabad (West Bengal) a awm a ni a. Sikul sak a nih dawn khan a sikul bang leh chhuatahte chuan brick-a ziarâng hrang hrang siam tum a ni a. Chumi atân chuan mistiri Jamaal-a, Kaalu-a leh Piyaar-a te an chhawr a. An ni chuan sikul building atân ṭha tur an hriat theih nân an ṭhiante nen thlan hlui tak Murshid Kuli Khan-a thlan chu en turin an kal a. (Thlalak en rawh)



He thlan hian chhuat zau tak a nei a, chhuatah chuan brick ziarâng hrang hrang sanghnih vel zet hmuh tur a awm a. Chûngte chu tun hma kum 300 vel kal taa mistiri-te siam an ni.









Heng chhuat pangaa brick an rem dan hi en teh.










Eng ziarâng hi nge nalh i tih ber? _____

Heti ang ziarângte hi hmun dangah i hmu tawh ngai em?

Mistiri-te chu phûr takin an lo kir a. Jamaal-a chuan, "Eheu! Khang hun lai khan brick-in ziarâng chi hrang hrang an lo va siam hnem ve le, kan lo theih nghilh vek tawh a nih hi! Hawh u, he sikul chhuatah hian brick-in ziarang nalh tak tak i siam ve ang u," a ti a.



Mistiri tin chuan ziarâng hran ṭheuh chu an siam ta hlawm a. Sikul neitute chuan an sikul building chu mawi an tiin an chhuang hle. Naupangte pawh sikulah chuan nuam ti takin an infiam ṭhin a, ziarang tharte pawh an siam ve ṭhin.




































- Eng ziarâng khi nge a biala siam ni a?
- Eng ziarâng khi nge a lai taka phela inang chiah?

  A phelna lai tur rin rawh.
- Chhuat atan ziarâng thar siam ve rawh.

## Brick lem ziah dan?

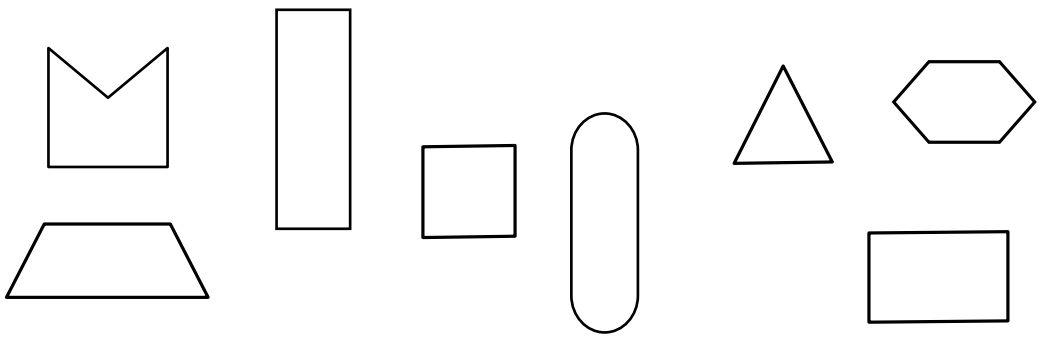
Hêng thlalâk pahnihte hi brick pakhat thlâ an ni a.



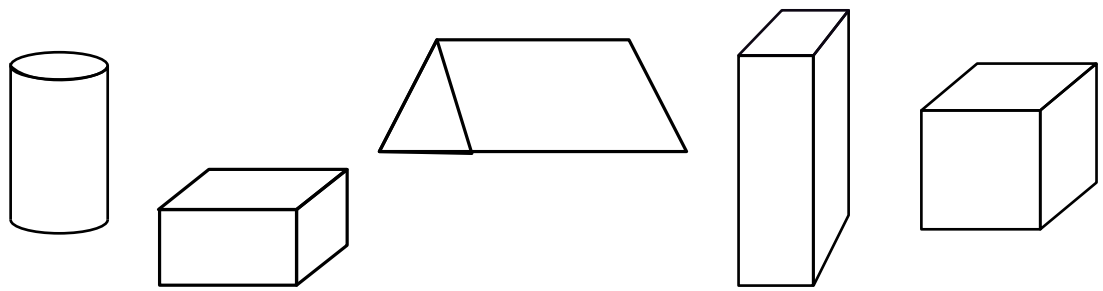
Thlalâk pakhat zawka brick **hmai** pakhat chiah a lan laiin a dangah erawh hi chuan a hmai pathum a hmuh theih thung. A hmai pathum lanna thlalak zawk hi thai bial rawh.

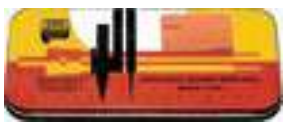


- Brick hian a vaiin hmai eng zat nge a neih? ____
- A hmai zingah hian square pianze nei a awm em?
- A hmai tê ber lem ziak rawh.
- Hêngahte hian brick hmai ni thei engte hi nge? Thai (✓) rawh.



- A eng hi nge brick lem? Thai (✓) rawh.

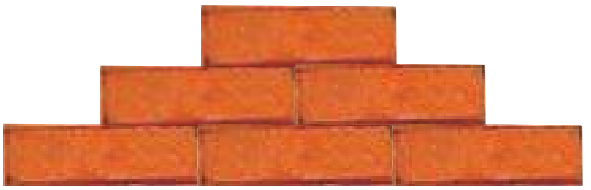




- He lem hi a hmai pathum lang turin ziak rawh.
- A hmai pali tilangin brick lem i ziak thei ang em?

## Bang chim lo tur

Ni khat chu Muniya-i leh Zainab-i ten infiam nan brick hmangin bang an siam ve ve a. An siam dan erawh a inang lo va.



Zainab-i



Muniya-i

Zainab-i chuan a bang siam chu a tlûk mai loh tur thu a sawi a. Mistiri-te pawhin Muniya-i brick rem ang hi chuan an chherchhuan tawp ngai lêm lo. Eng nge i ngaih ve dân? Eng bang khi nge nghet zâwk ang?

Bang rem dan chi hrang hrang en kual teh.

## Bang rem dan ziarâng hrang hrangte.

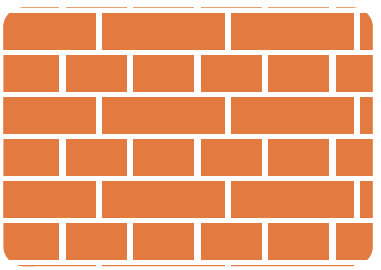
✤ Hêng thlalâkte hi brick-a bang rem chi hrang pathum an ni. Brick rem dan inan lohna i hmu thiam em?

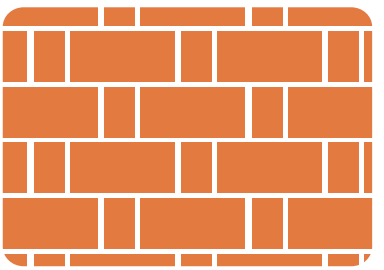


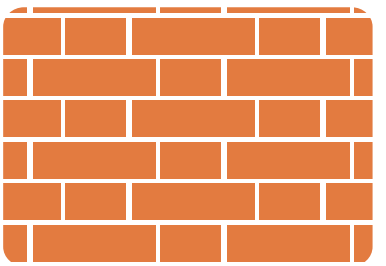




✤ A chunga thlalâkte leh a hnuaia a anpui lemziakte hi rin zawm rawh.







## Brick âwng aṭanga thlir

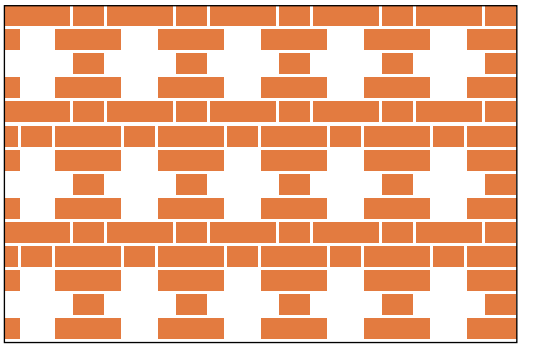
Jagriti sikul satu mistiri-ten sikul bangah ziarâng mumal tak neiin âwng an siam tel thluah a ni.



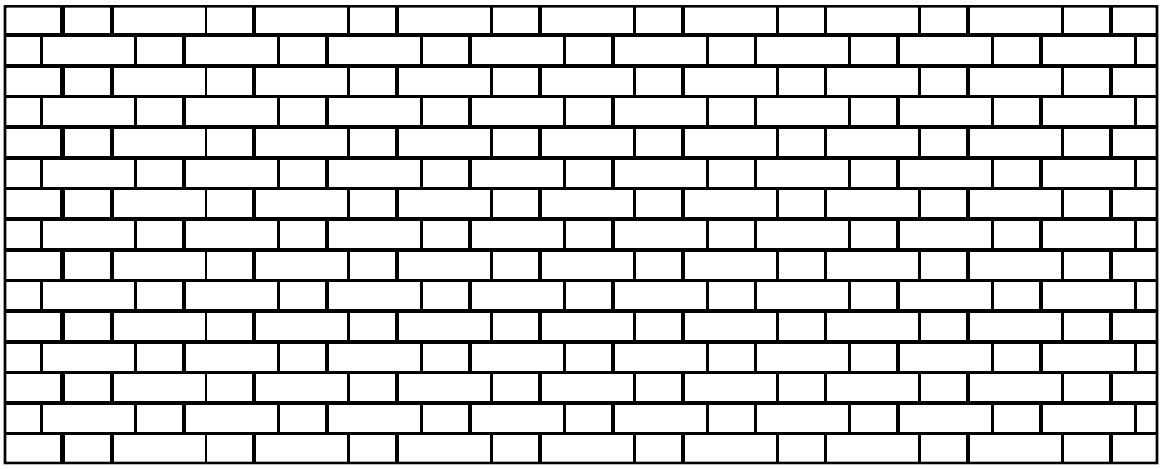


✤ Âwng ziarâng siam eng zat nge thlalâkahte khian i hmuh theih?

Hei pawh hi bang âwng nalh taka siam lem a nih hi.



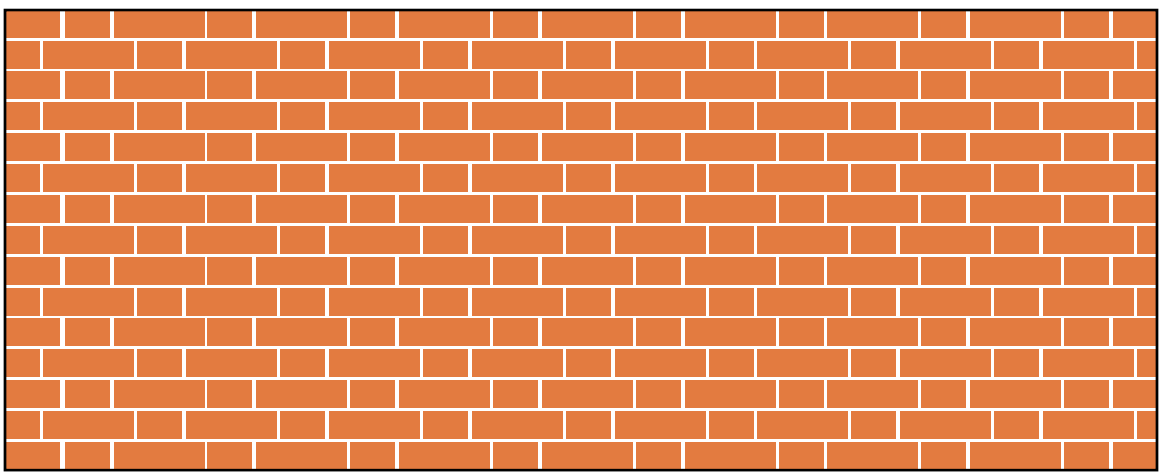
✤ Tunah chuan a hnuai lemah hian brick ṭhenkhatte chei senin âwng ziarâng mawi tak nei han siam teh.



He sikul thlalakah hian tukverh hi i hmu thei em?



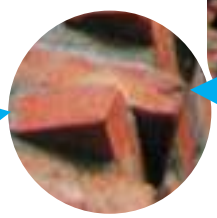
✤ A hnuaia lemah hian ziarâng mumal tak nei tukverh han siam teh le. I thai dum dawn nia.







Heng bang âwngte hi Kerala-a library building pakhata mi an nih hi. He building bangahte hian brick hmawr lamte chu **triangle** siam nâna hman an nih dan i hmu thei ang.



Triangle anga lang brick i hmu tawh em? He thlalâka thing kung hualtu brick-te hi en teh le.





He thlalâka a **kûl** (arch) hi i hmu em? Hei hi Faizabad-a sikul pakhat bang thlalak a nih hi.

### *Zawng chhuak rawh*

I chheh vela thil kûl awmte zawng la, an lem ziak rawh.



Leiah a kûl lai i hmu tawh em?

- Hmun dang khawiahte nge kûl i hmuh?

_____

## Kûl siam bik (Special Arch)

Orchha hmuna thlalâk ah hian kûl an siam dan hi en teh. Hming nalh tak vuah a ni - Ghoonhat Waali Mehraab (hmaikhuhna nei kûl)



He tukverha âwng awm hi a mawi in ti em? Brick pan tê têa siam a nih hi. Brick pan i hmu tawh ngai em? Han zawng vêl teh.

Jagriti sikul mistiri Jamaal-a leh Kaalu-a te chuan an pu ten brick chi hrang hrang an lo hman ṭhin thu an sawi a. Ṭhenkhatte chu thlalâkah hian tar lan an ni.



- Hêng brick zingah hian engte hian nge kil kual nei?
- An zinga brick sei berah hian hmai eng zat nge i hmuh?
- Brick hmai paruk aia tam nei a awm em?

## Zawng chhuak rawh: Brick len lam

Brick hrang hrang a len dan inang lo i hmu tawh ngai em?

- Brick pakhat la la, teh rawh.
  a) A sei zâwng chu _____
  b) A vâng zâwng chu _____
  c) A chhah zâwng chu _____
- Muniya-i chuan metre khat a sei bang siam a duh a. Tlar khatah brick eng zat nge a hman ang? _____

## Brick — Sâ leh Tharlâm

Ganesh-a leh Sahib-a te chu brick rawh channa hmun bula chêng an ni a.



- Meikhu chhuahna hi engtia sang nge nia i rin?
  a) metre 5 vêla sâng
  b) metre 15 vêla sâng
  c) metre 50 vêla sâng

Ganesh-a leh Sahib-a te chuan brick pho ro tur tlar sei tak taka rem chu hmuhnawm an ti êm êm a. Brick siam dân pawh an thlir ṭhin.



Hêngte hi brick siamna hmuna lak thlalâk palite an ni. Thlalâkte hi dah pawlh an ni. Uluk takin en la, brick siam nâna a hmasak dan indawtin sawi rawh. _____

**A**



**B**



**D**



**C**



Brick hi lei hmanga engti anga siam nge a nih i rin? Thlalâkte hi enin group-ah sawi ho rawh u.

Brick rawhna i hmu tawh em? A chhunga brick awm zat tur i ngaihtuah tawh em?

India ramah hian brick rawhna sang tam tak a awm! **Za hlir sângkhat** aiin a tam zawk! Hetiang zat nambar len dan tur hi i ngaihtuah thiam em? **Za hlir sângkhat** hi **nuai khat** tiin kan sawi ṭhin. Ziah han tum chhin teh. I ṭhianten **nuai** tih an hriat tawhna han zawt teh.

***Zawng chhuak rawh***

Hêng thlalâkte hi en la, truck hian brick eng zat nge a phurh han ring teh.

Truck driver hnen aṭangin truck pakhatin brick eng zat nge a phurh theih hriat i tum bawk dawn nia.





## Rilru Chhiarkawp: Bhajanan brick a lei

Bhajan-a chu brick lei turin a chhuak a. Brick-te chu sângkhat zela a man chhiar an ni a. Brick chi hrang hrangin man hrang hrang an nei leh bawk a.

| | | |
|---|---|---|
| Brick hlui | - | Brick sângkhatah ₹ 1200 |
| Bagha-a mi brick thar | - | Brick sângkhatah ₹1800 |
| Sairang-a mi brick thar | - | Brick sângkhatah ₹2000 |

Bhajan-a chuan Sairanga mi brick thar chu lei a tum ta a, brick sângthum a lei a. A man eng zat nge a pek? _____

✤ Brick hlui 500 lei ta se chêng eng zat nge a pek ang?

Rilrua chhût tur

# 2 Sei leh Tawi

**A hnuaia chhunhante hi engtianga inhlatin nge an awm?**




★ Chhunhan eng pawh pahnih inkar hlat zâwng ring chhin la, centimetre eng zat nge nia i rin? Tichuan scale hmangin teh rawh le. I ring dik em?

★ Khingah khian eng chhunhan pahnihte nge inhlat ber? I fiah dawn nia.

★ Chhunhan inhnaih ber pahnih han ring leh teh. Fiah ang che.

Naupang pahnih zel inkawpin lehkhapuan ziah lohvah chhunhan siam sela, tichuan chung chhunhante inkar hlat zâwng chu inrinsiakin infiamna hlimawm tak atan a hman theih a ni. Tin, hei hi lehkhapuan maia duh tawk lovin thil hla zawk rin thiam nân chhuatah tihzui theih a ni. He zirlai bung bikah hian a phek tlang hi scale anga hman tur a ni.

## Rin ngil tawi zâwk

Akbar-a chu lal hmingthang tak a ni a, khâwnbâwl fing tak Birbal-a a nei a. Ṭum khat chu Akbar-a chuan chhuatah rin ngil siamin Birbal-a chu zawhna harsa tak mai a zawt ta a.




A chunga lem khi en la, tichuan Birbal-an Akbar-a rin ngil siam a tih tawi dân hrilhfiah ang che.

Nang pawh Birbal-a anga fing i ni thei. Birbal-a rin ngil siam khi nawhreh tel lovin han siam tawi ve teh le. Rin ngil sei ber a awm thei em? Ngaihtuah rawh.

## Hetiang hi han siam dâwn teh



★ Milem ban ding lam hi a vei lam aia cm khata seiin siam rawh.



★ He no aia cm khata tawi no lem ziak rawh.

★ He hmunphiah sei zâwng chanve hian hmunphiah dang lem ziak rawh.



★ Milema samzai sei lam lêt hian a dang siamsak rawh.

## Eng chena sângin nge i ṭhan?

Pâwl thum i nih laia i san zawng i teh kha i la hria em?

I san belhin i inhria em?

Eng zatin nge? ___ (cm) I ṭhiante an san belh ve em?

Zawng chhuak la, tichuan a hnuaia table-ah hian ziak ang che.

| Ṭhiante Hming | Nikuma sân lam (cm in) | Kumina sân lam (cm in) | Cm eng zâtin nge an san belh |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



Ṭum khat chu Zami hian khawvela mihring sâng zualte hming ziak tlarna a chhiar a, chûng zinga pakhat chu cm 272-a sâng a nih chu! Chu chu Zami lêt hniha sâng a ni. Zami chu engtia sâng nge? cm _____ .




### *Ngaihtuah chhunzawm tur*

★ A chunga sawi tâk cm 272-a sâng khi in classroom kawngkhâr-ah kûn lovin a kal tlang thei ang em?

★ Ding ngil ta se in in chung a tawng i ring em?

### In chhûngkaw zinga sâng leh hniam

★ Tu nge in chhûngkuaah sâng ber? _____

★ Tu nge in chhûngkuaah hniam ber? _____

★ An sân zâwng inthlauhna eng zat nge? _____

## Inter-School Sports Meet

***Intlansiak***

Hei hi hmeichhe naupang metre 100 intlansiak chungchang a ni. Duhawmi chuan a tawp a thleng teuh ber a, metre 6-in a la hlat. A hnung chiahah Remi a awm a, Kimi leh Muani-te chu Remi hnungah an tlan a. A hnuaia zawhnate hi hêng hlat zâwng pek sate hmang hian chhang rawh.

- metre 3
- metre 6
- metre 10
- metre 15




a) Remi chuan Duhawmi chu engtia hlain nge a thlauh? _____

b) Remi chuan Kimi leh Muani-te lakah engtia hlain nge hma a hruai?

_____

c) Kimi leh Muani te chu a tawp aṭanga engtia hlaah nge an awm?

_____

1500m leh 3000m race-te hi i hre tawh ṭhin em? (1000m hi km khat niin 500m chu km chanve a ni tih i hriat tawh kha)

★ Tichuan —

1500m race-ah chuan km ____ tlân a ngai.

3000m race-ah chuan km ____ tlân a ngai.

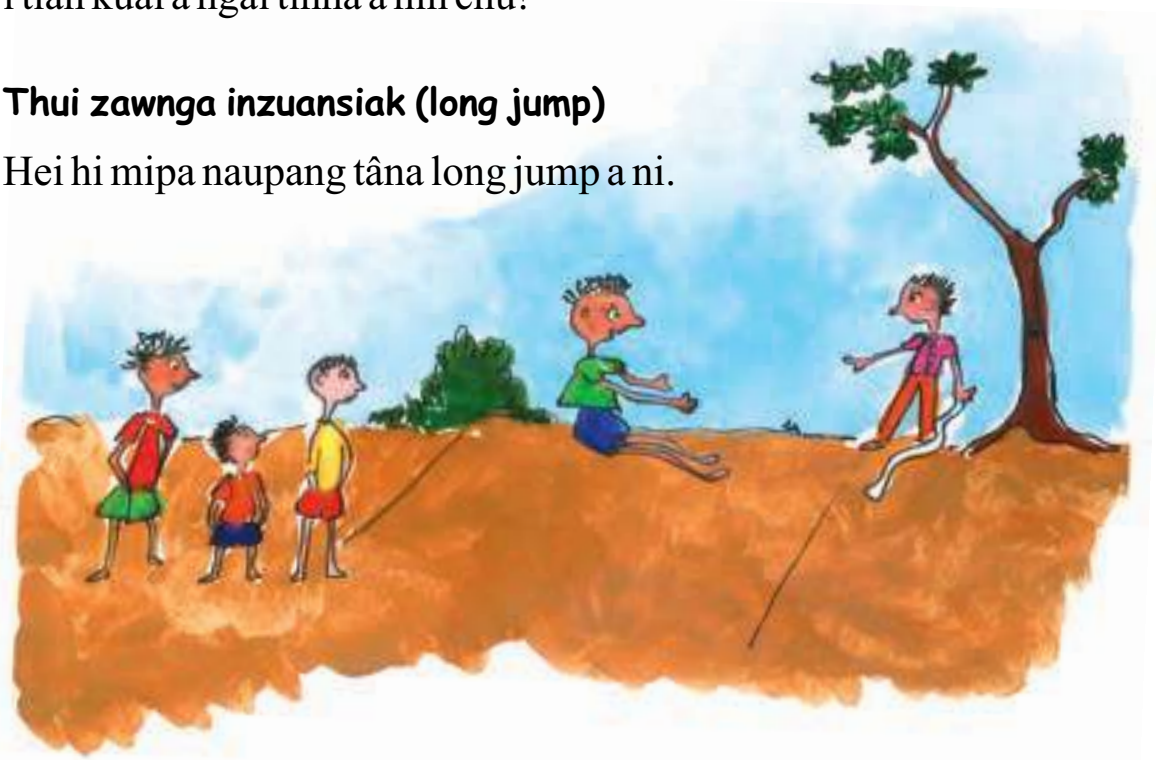
Kilometre 40 vel an tlân ṭhinna marathon race hi i hre tawh ṭhin em? Stadium-a intlansiakna track chu metre 400 chauh a nih avangin marathon chu kawngpuiah an tlan ṭhin.

Stadium track vawi 10 tlân kual = _____ km.

Tichuan, stadium track-a marathon i tlân dâwn chuan vawi _____ i tlân kual a ngai tihna a nih chu!

**Thui zawnga inzuansiak (long jump)**

Hei hi mipa naupang tâna long jump a ni.



Dina chu metre 3 leh centimetre 40-a thui zuangin, a zuang thui thei ber a. Zika chu Dina aiin 20 cm-a zuang tawiin pahnihna a ni a. Kâpa chu pathumna a ni thung. Kâpa hian 5 cm chauhin Zika hi a pha lo a ni.

★ Zika leh Kâpa-te zuan thui lam ve ve chu?

_____

★ Eng chena thui nge i zuan theih en teh.

★ Engtia thui nge ball i vawm theih? Metre _____.

★ Football emaw volleyball emaw anga ball lian la la, han pêt vak teh le. Engtia thui nge i pet theih? _____

A hnuaia mi te hi India leh khawvela zuan record siamte an ni.

| *Sports* | *World Record* | *Indian Record* |
|---|---|---|
| High Jump (Mipa) | Javier S. (2m 45 cm) | Chandra Pal (2m 17 cm) |
| Long Jump (Mipa) | Mike P. (8m 95 cm) | Amrit Pal (8m 8 cm) |
| High Jump (Hmeichhia) | Stefka K. (2m 9 cm) | Bobby A. (1m 91 cm) |
| Long Jump (Hmeichhia) | Galina C. (7m 52 cm) | Anju G. (6m 83 cm) |

Table aṭang khian hêngte hi zawng chhuak rawh. —

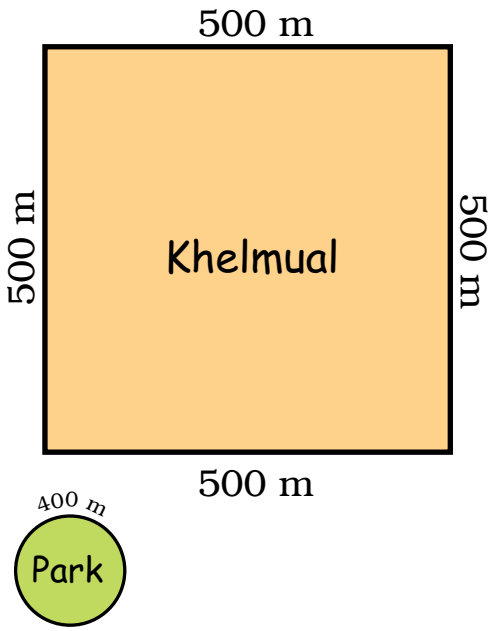
1. High jump-a mipa world record tluk turin Chandra Pal-an engtia thui nge a zuan belh ngai?
2. Centimetre eng zâtin nge Bobby-an metre 2 a phâk loh?

   Hriat tur, lm= l00 cm

   Metre chanve chu_____
3. Galina chuan ____ a zuan thleng teuh hle.
   a) metre 7
   b) metre 7 leh a chanve
   c) metre 8
4. Hmeichhe world record khi en la, long jump-a zuang thui ber leh high jump-a zuang sâng berte inthlauhna ziak rawh.
5. Mike P-a chuan centimetre ____ a thui zuan belh thei sela chuan metre 9-a thui a zuang ang.
6. Metre hnih leh a chanvea sâng zuang teuh ber tu nge?
   a) Stefka K.
   b) Chandra Pal
   c) Javier S.
   d) Bobby A.

## Insawizawi nan zîng tlan

Hrisel taka a awm theih nân doctor-in Pêka chu ni tin kilometre 2 tlân ṭhin turin a ti a. He khêlmual (field) hi vawi khat a tlân kual a. Eng chena thui nge a tlân?




Khêlmual chu an in aṭanga a hlat êm avangin hnai têa park-ah chuan a tlân ta zawk a. Vawi khat park tlan kual chu 400m vel a thui a ni.

★ Km 2-a thui tlân turin Pêka chuan vawi eng zât nge park chu a tlân kual ang?

★ Tûk khat chu khua a nuamin thlifim a thaw heuh heuh va. Pêka chu nuam ti takin a chauh hma chu a tlân zel a. Tichuan park chu vawi 8 lai a tlân kual hnuah a duh tawk ta a. Hemi ni hian km _____ leh metre _____ lai a tlân a ni.

## Room chhâwng eng zâta sâng nge?

Qutab Minar hi metre 72-a sâng a ni.

In classroom kha metre eng zâta sâng nge a nih?

Khatiang room kha inchherchhuan ta se, chhâwng eng zâtin nge Qutab Minar san zâwng tluka i rin? _____

I rin chhan sawi fiah rawh.



## Lungdai aṭanga Hmuifang

Biaka chu 27 km-a hlaa awm Lungdai panin a kal a. Maziki erawh chuan a ep zâwngin 51 km-a hlaa awm Hmuifang chu a pan ve thung a.

Lungdai chu Hmuifang aṭanga engtia hlaah nge a awm?_____




## In sikul aṭangin in in chu engtia hlaa awm nge?

Mamuana chu hmun hla tak aṭangin sikul a kal ṭhin a. Metre 400-a thui a kal hnuah dîl a thleng a. A vawthlep keng chungin dîl chu metre 150-a thui a dai kai a. Tichuan, metre 350-a zau mual a kal tlang a. Fimkhur takin metre 40-a zau kawng kân lehin sikul chu a thleng ta a ni.



Mamuana chuan ni tin sikul a thlen nân engtia thui nge a kal ṭhin?

_____

Kilometre 1 aiin a thui em? ___

★ Sikul atanga engtia hlaah nge i thiante an awm zawng chhuak la, tichuan table hi i dah khat dawn nia. (Kilometre emaw metre emawin i ziak dawn nia).

| *Ṭhiante Hming* | *Sikul aṭanga in hlat zâwng* |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |

In zingah tu nge sikul hnaih ber che u ? _____

Tu nge awm hla ber? _____

Mi eng zat nge sikul aṭanga kilometre 1 aia hnaia awm che u? _____

Kilometre 5 aia hla a awm an awm em? Sikul engtin nge an lo kal ṭhin? _____

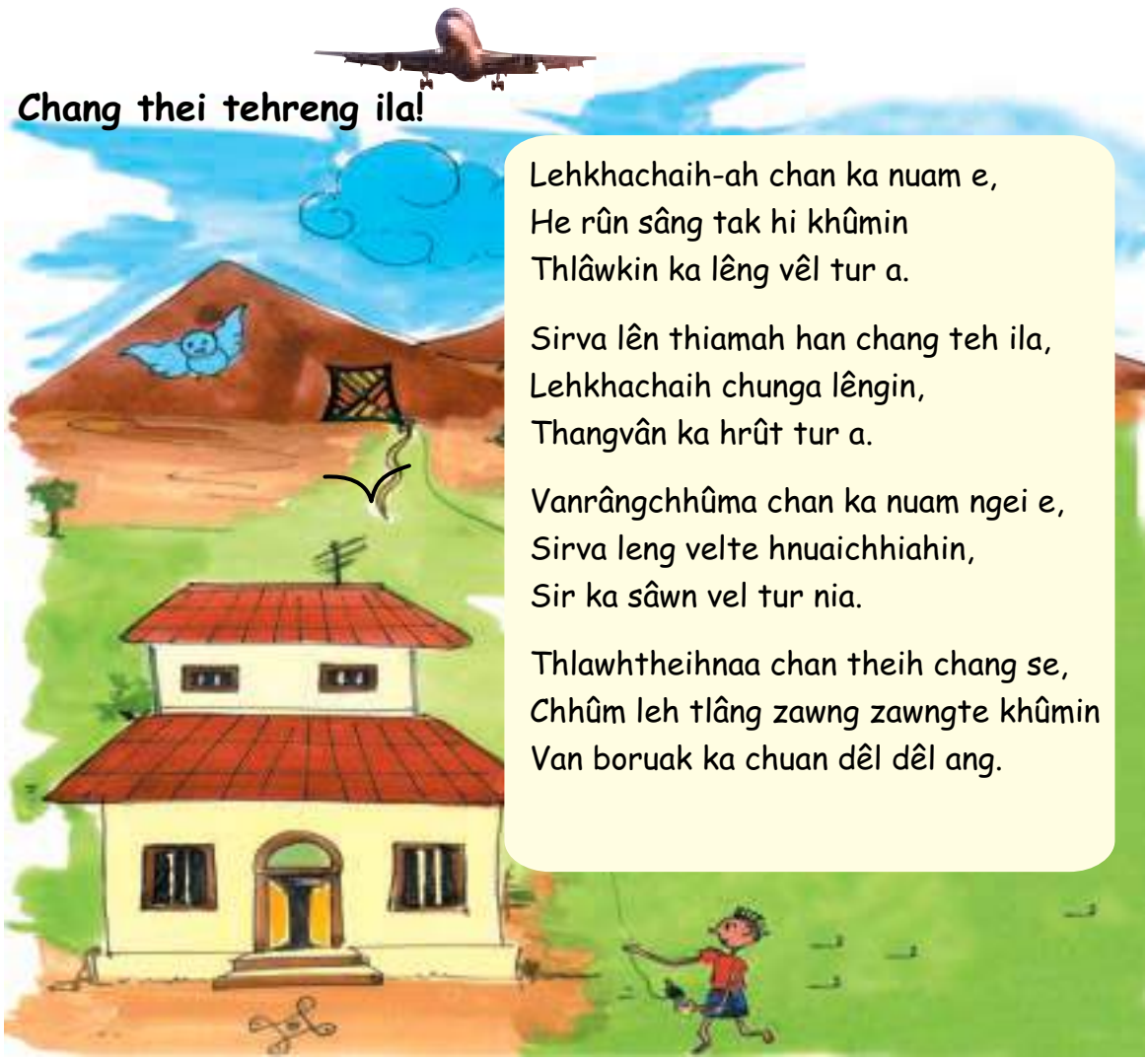
_____

**Ring chhin phawt la, i zawng chhuak dawn nia.**

1. La hlumah hian la zai engtia sei nge awm?
2. Lehkha chaihna hrui hi engtia sei nge? Km khat aia sei a ni thei ang em?
3. Rawmawl hi la zai khata siam ni ta se, chu la zai chu engtia sei nge a nih ang?

A theih chuan kawngpuiah km 1-a thui naupangte hi kalpui ni se, tichuan naupangte chuan 1 km thui zawng an hre chiang thei ngei ang.

## Chang thei tehreng ila!



Lehkhachaih-ah chan ka nuam e,
He rûn sâng tak hi khûmin
Thlâwkin ka lêng vêl tur a.

Sirva lên thiamah han chang teh ila,
Lehkhachaih chunga lêngin,
Thangvân ka hrût tur a.

Vanrângchhûma chan ka nuam ngei e,
Sirva leng velte hnuaichhiahin,
Sir ka sâwn vel tur nia.

Thlawhtheihnaa chan theih chang se,
Chhûm leh tlâng zawng zawngte khûmin
Van boruak ka chuan dêl dêl ang.

***Zawn chhuah tum rawh.***

1. Building i hmuh tawhah eng building nge la sâng ber? Chhâwng eng zat nge a nih?
2. Lehkhachaih hi engtia sâng nge a thlawh theih? Qutab Minar aia sâng a thlâwk thei ang em?
3. Thlawhtheihna hi engtia sâng nge a thlawh theih? Mount Everest hi kilometre 9 vela sang a ni a, chumi aia sângah a thlawk thei ang em?
4. Nangmah aia hniamah chhûm i hmu tawh ngai em?

Naupangte thil hmuh leh hriatte a bik takin chhûm leh an sân zâwngte sawipui a ṭha viau ang. Sawi hona hian thil hrang hrang insân hleih dan te leh kar hla tak chhut thiamna naupangte hi a neihtir thei a ni.

# 3 Bhopal-a Zin

Tukin chu Sughandha-i a phûr kher mai, an sikul naupang zawng zawngte chu an zirtirtu hovin Bhopal-ah an zin dawn a. Pi Meenakshi-i leh Pu Rakesh-a ten zinna atana bus an mamawh zat tur an chhût ṭan a.



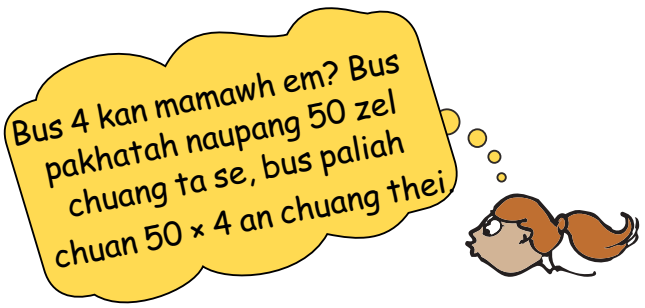

Pi Meenakshi - Bus pali kan mamawh ang.

Pu Rakesh - A tlem berah bus panga kan mamawh ka ring.

Pi Meenakshi - Bus pakhatah seat 50 zel a awm asin.

Pu Rakesh - Naupang eng zat chiah nge kal dawn tih hrechiang phawt ila.

| *Class* | *Naupang zât* |
|---|---|
| I | 33 |
| II | 32 |
| III | 42 |
| IV | 50 |
| V | 53 |
| | Total _____ |




- Tichuan naupang kal tur zât chu _____.
- Bus pali hmang ta se, naupang eng zât nge ṭhu thei ang? _____
- Naupang ṭhutna chang lo an awm thei ang em?




Naupangte chu ngaihtuahna hmang hmasaa zawhna chhang turin fuih la, chhanna dik nei turin chhût chhuah dan tur sawipui rawh.

## Bus nghâkin

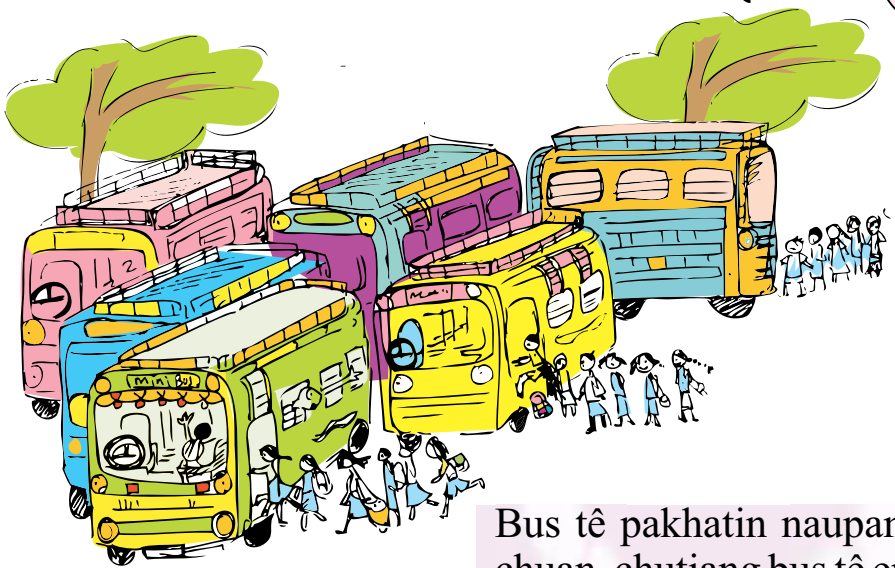
Bus-te chu an lo thleng dâwn tawh em tih en tumin Sahib-a chu an intlarna aṭangin a zuang chhuak a. Ring taka auvin — "Saw! Ka hmu thei.. tlân ru.. tukverh bul ṭhutna chuh rawh u".

Naupang tam tak chu phûr takin an zuang vêl a. Mahse ...




Inhnialin a chhunzawm ta a.



Bus tê pakhatin naupang 35 a phur theih chuan, chutiang bus tê eng zât chu nge ngai ang? _____




## Zin chhuak ṭan

Bus a kal ṭan tihah chuan naupangte chu ring takin an zai ta hlawm a. A ṭhen chuan pawn lama mual leh thing kung hring dupte chu an thlir a.

Indra – Eng tikah nge Bhopal chu kan thlen ang le?

Pi Asha – Ding lova kan tlân tluan chuan dârkâr hnihah kan thleng thei ang, dar ____ vêlah kan thleng thei dawn tihna a nih chu.

Manjeet — A hla viau em ni?

Pu Bhimsen — Km 70 vêla hla a ni.

Ruby — Kalkawngah dinna kan nei ang em?

Pu Rakesh — Heta ṭanga km 50 vêla hla Bhimbetka-ah kan ding mai thei.

- Bhimbetka-a kal tur ni ta se, dar
  - — 10 hmain an thleng ang.
  - — 10 leh 11 inkarah an thleng ang
  - — 11 hnuah an thleng ang

An inbiak mêk lai chuan Bahadur-a a rawn au chhuak a – “En teh u ... Narmada" An zavaiin tukverhah an dak chhuak a.

Ruby — A seiin a va han zau ve! A zau zâwng i inrinsiak ang u.



Gopi — uhmmm ... metre 100? Ni lo, chu aiin a sei ang. Ka ring thiam lo.

Victoria — km chanve ai chuan a sei ka ring.

Pi Asha — Saw, a inziak reng alâwm - He lei hi metre 756.82 a sei a ni. Tichuan, Narmada chu metre 500 vêla zâu a nih theih dawn hi.



✤ Victoria-i chuan a ring dik em?

Sadaf — metre 500 sei zawng ka mitthla thiam lo.

Pi Asha — Kan chuanna bus hi metre 5 vêla sei a ni a, tichuan he leiah hian bus eng zât nge intlar thei ang?

✤ Lei sei tak i zawh tawh em? Metre engtia sei nge a nih?

_____

Luia tui chu an thlir ṭhap a.

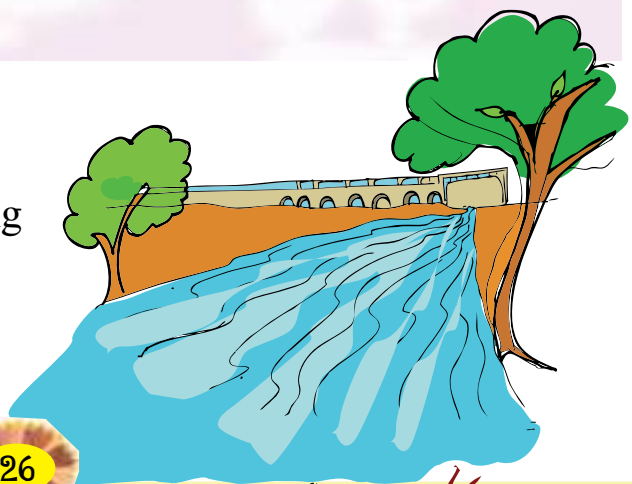
Pu Rakesh — Tui chîm chin chu a hniam a nih khu. He lei aṭanga metre 40-a hniam a ni ang.

Pi Asha — Fur lai chuan tui hi a tam deuh a, he lei hi metre 15 vêlin a chîm pha lo ṭhin.



✤ An kal lai leh fur laia Narmada tui chim chin inthlauhna chu metre_____a ni.

Naupangte chuan lui chungchâng chu an sawi chhunzawm zêl a...



Bus chu a ding ta thut mai a.

Petrol pump a nih saw. Bus pahnihah diesel thun a ṭul.

Bus te chu a ding tlar a. Naupangte chu diesel thun dan hmu châkin an lo dâk chhuak ve hlawm a. Ṭhenkhat chu en chian tumin bus aṭang chuan an chhuk a.

✤ Bus pakhata diesel thun khah nan minute 15 a ngai a, bus pahniha diesel thun an mamawh si a. Tichuan petrol pump-ah chuan minute _____ vêl an din a ṭul a, minute _____ vêlin an khawtlai phah a ni.




✤ Milem khi en la, diesel litre khat man chhut chhuak rawh _____

Bus-a diesel an thun lai chuan petrol pump bula zunin awmah chuan naupang ṭhenkhat chu an lo va kal a.

Zuninah Aman-a chu engtia rei nge a awm? _____



## Bhimbetka-ah

Bus-a diesel an thun khah hnu chuan an tlân ṭan leh ta a. An kalna tur kawnga khaw pakhat awm Bhimbetka tihah chuan an chawlh tur thu puan a ni ta a.

Anjan — Eng nge Bhimbetka chu?

Pi Raina — Pûk tam tak awmna hmun a ni a. Chûng pûk bangahte chuan kum singkhat liam tawha pi puten milem an lo ziah hmuh tur tam tak a awm a ni.

Sumonto — Kum singkhat maw! Kum sângkhat liam ta pawh ka ngaihtuah phak lo ve!

Gopi — Teh reng mai! Kum sângkhat pawh rei ka ti lutuk tlat. Kum za pawh ka ngaihtuah thiam lo.

Gauri — Kei chu kum za chu ka lo ngaihtuah ve thiam asin, a chhan chu ka pa pi hi kum 100 mi a ni a.

Manjeet — Chuti chu khâng pûkte kha kan pite kum chhawng (let) za ang vêla upa an lo nih reng chu!!

An vai chuan an nui ta dur dur a - Ha! Ha! Ha!

Pûk banga lemziakte chu hmuh an châk ta êm êm a. Bhimbetka an thlen chuan zing lam dâr 11 a ni a.



Shankar — He lemziakah hian ram sial lian pui puite pawh an awm nual a nih hi. Heti hian i ti ang. Ram sial awm zât ka chhiar ang a, nangin sazuk awm zât lo chhiar ve rawh.

Bonomala — Mihring awm zat ka lo chhiar ve ang. Ram sial, sazuk leh mihring, a eng nge tam ber?

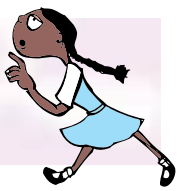



✤ Ram sial aiin sazuk chu _____ in an tam zawk.

Ram sial leh sazuk zât belh khawm aia mihring zât chu an tam avangin Bonomala chu a hlim hle a. A chhiar zawng chu 200 a tling lo hret.

✤ Mihring eng zât nge Bonomala chuan a chhiar le?

214 / 154 / 134 / 177



Kaihruaitu (guide) chuan a vaiin lemziak hrang hrang 600 a awm thu a hrilh hlawm a.
Bhimbetka an chhuahsan a hun ta a.

✤ Bhimbetka-ah chuan dârkâr 1 an awm a. Dâr eng zat nge ri ta? _____ Bhopal lam panin an tlan leh ta a. Dârkâr 1 aia rei lo deuhvah an thleng thei ang. Dar ___ vêlah an thleng thei dawn tihna a nih chu.

## Chawchhûn ei hun

Hun a lo rei ta deuh bawk a naupangte chu an ril a lo ṭamin ei tur an paite chu an la chhuak a. Biscuit, sêrthlum leh balhla te pawh bus tinah an sem bawk a.



Naupangte chu sêrthlum 1, balhla 1 leh biscuit 5 ṭheuh pek an ni a.

Naupang zawng zawngin sêrthlum leh biscuit chu an duh veka, amaherawhchu naupang 38-in balhla an duh lova.

✤ Sêrthlum, biscuit leh balhla eng zât nge sem a nih?

Manjeet-i leh Bhanu-a ten ei tur chu ei zo vatin hun khawhral nan puzzle an inzâwt a..

Manjeet — 100 leh 150 inkâr lai taka nambar awm min hrilh rawh.

Bhanu — 120 ... ni lo, 130 ... ni lo, 125 a ni zâwk e.

Manjeet — A dik e. Min zâwt ve rawh le.



Naupang dangte chuan anni pahnih chu rawn zâwm vein zawhna an inzâwt ta hlawm a.

**A** Sweet pali ṭheuh ka ṭhian palite ka pek hnuah sweet pathum a la bâng a. A tirah sweet eng zât nge ka neih?




**B** 3, 5 leh 7 hmangin eng nambar nge i siam theih? 357 leh 537 tih loh a dang sawi rawh.

**C** Nambar pakhatah 8 i belhin chu nambar chu ama lêt chiaha lian a ni a, chu nambar chu min hrilh thei em?

A chunga tar lan ang zawhna tam tak, ziak emaw kaa chhan turin emaw naupangte a zawh theih. A chhanna an hmuh chhuah dan sawi fiah thiam turin fuih a ṭha ang.



D

23 leh 50 inkâra awm 2, 3 leh 5 tena an sem theih nambar in hre thei em?

E

Fanghmir pakhatin minute khat chhûngin 3cm-a sang a lawn a, 2 cm a tawlh thla leh a, 2 cm-a sâng lawn turin minute eng zât nge a hman ang?

Khingte khi i zawng chhuak thei em? Han tum teh.

**Eng lawngah nge kan chuan ang?**

Zawhna leh chhânna an buaipui êm avangin dil kam an thlen lai pawh an hre mumal lo va. Dil chu lian tak niin a laiah pawh thliarkar te reuh tê a awm a. Dil chu tun ang hunah hian a mawi êm êm a. Varak an tamin an hram chuah chuah a. Naupang ṭhenkhatte chuan varakte chu puakzo an pe a.



Tunah chuan a nuam dawn lutuk! Lawngah an chuang dawn ta. Chuanna tur lawng an thlan a ngai. Mahse chu chu a awlai lo hle.

Lawng chi hrang hrang a tamin a chuan man leh a chuan hun chhûng chu a inang lo thluah a.




Table behchhan khian he lehkhabua zawhna ṭhenkhatte hi siam an ni. Zawhna tam tak siam belh turin naupangte fuih tur a ni.




- Indra-i leh Bhanu-i te chu motor boat-a an chuan zet hnuah oar-boat ah an chuang leh a.
  Lawng pahnih atan chuan cheng eng zât nge an châwi? ₹_____
  Engtia rei nge lawng pahnihah an chuan? _____
- Naupang group khat double decker-ah an chuang a. An zavaia an pawisa sên zât chu ₹ 450 a ni. Naupang eng zât nge double decker-ah chuan chuang? _____
- Eng lawng nge dârkâr khat chhûngin vawi hnih kal hman?
- Eng lawng ber nge vawi khat kal nân dârkâr chanve aia tlem duh?
- Eng lawngah nge pawisa sêng tlem ber si a chuan chhûng a rei theih ber?
- Javed-a chu ṭum hnih lawngah chuangin, a pahnih atan ₹ 140 a sêng a, minute 50 chhûng a chuang a. Eng lawng pahnihahte nge a chuan?

**Lêt a hun ta**



Dar li thleng lawng hrang hranga chuangin naupangte chuan hlim taka hun an hman hnuah lêt a lo hun ta a. Tunah chuan khawiah mah chawl muang lovin an haw anga; tichuan dârkâr hnihah an thleng thei dawn a ni.

Chuti a nih chuan Hoshangabad chu dâr _____ah an thleng ang.

***Zawng chhuak rawh***

Sikul trip-ah i kal tawh ṭhin em? Naupang eng zât nge kal che u? Engtin nge in kal a, engtia hla nge? Engtia rei kal nge? Mi pakhat kal man chhût chhuak rawh?



## Practice Hun

1. Cave-painting upa tak tak pali an awm a, an zinga upa ber thlang chhuak rawh.

   a) kum 4200-a upa
   b) kum 1000-a upa
   c) kum 8500-a upa
   d) kum 1300-a upa

2. Bus pakhat chuan naupang 48 a phur thei a. Chutiang bus pathum chuan naupang eng zât nge an phurh theih? Naupang ____ - vel

   a) 100 b) 200 c) 150

3. Eng nambar inkawp belh khawm hi nge 500 aia tam?

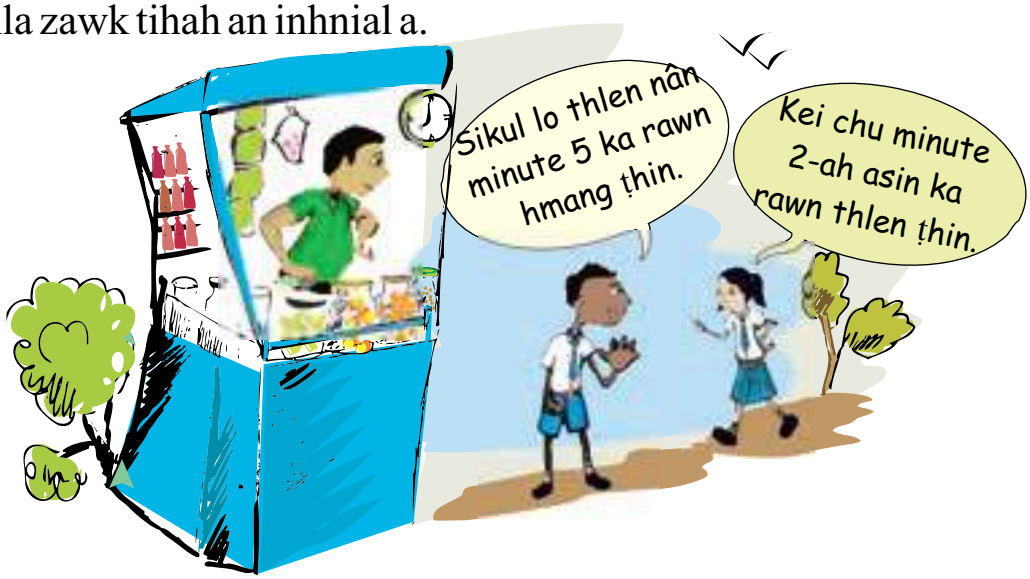
   a) 152 leh 241
   b) 321 leh 192
   c) 99 leh 299
   d) 401 leh 91

4. Thil thleng leh a thlen hun thai zawm rawh.

| | |
|---|---|
| ✤ Narmada lei kai | 3:00 p.m. |
| ✤ Bhimbetka lemziak thlir | 6:00 p.m. |
| ✤ Petrol pump-a chawlh | 9:10 a.m. |
| ✤ Lawnga chuan | 12:30 p.m. |
| ✤ Chawchhûn ei | 11:30 a.m. |
| ✤ Hoshangabad-a lêt | 9:30 a.m. |

# 4 CHEK-CHEK-CHEK

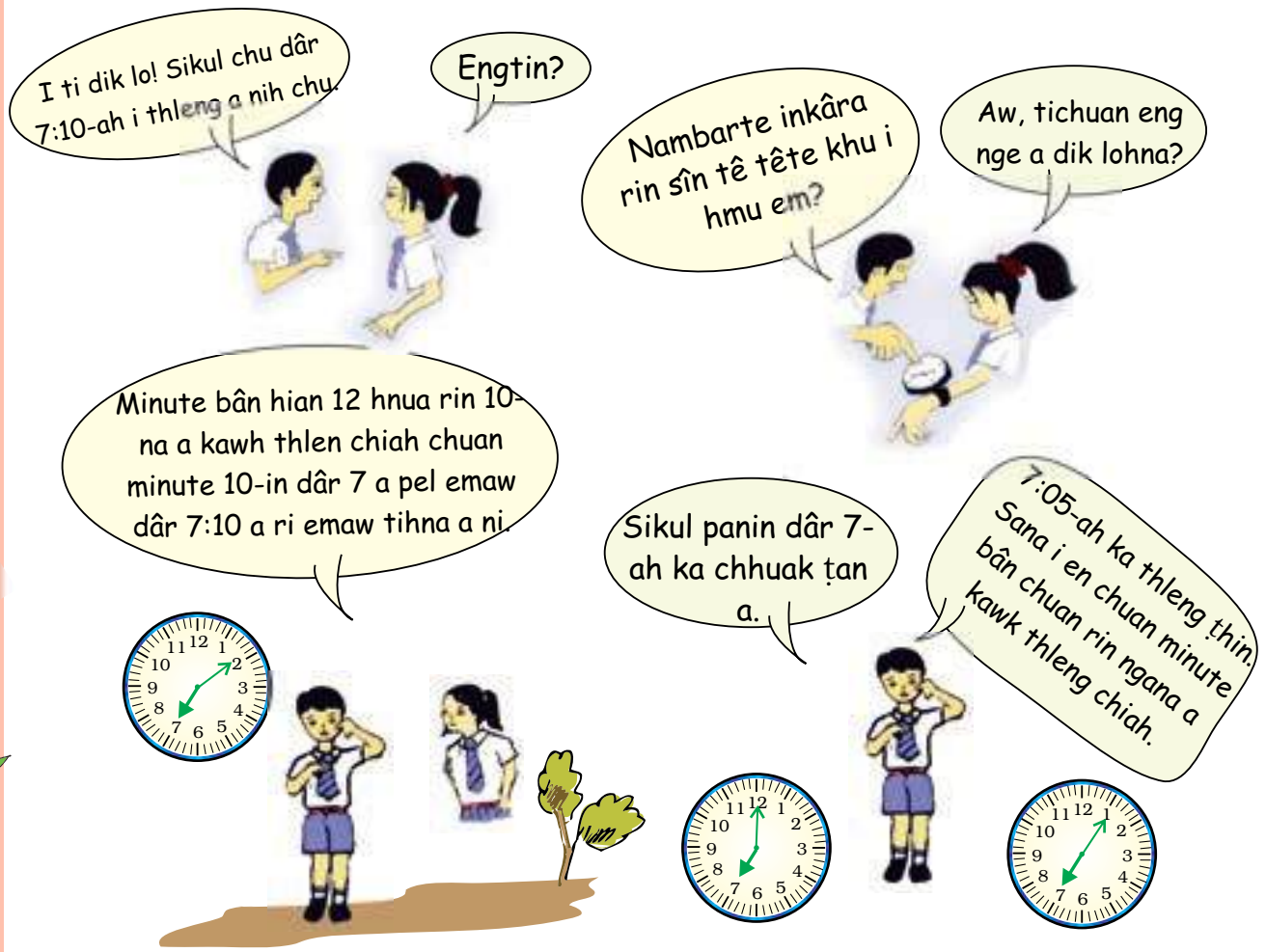
Papuia leh Saizami te an sikul aṭanga tehin tu in awmna nge hla zawk tihah an inhnial a.












## Practice Hun

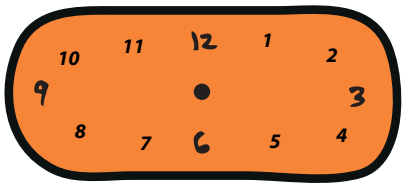
1) Ṭhian pathumin sana an en a. Tu nge dik?

| | *Chama* | *Biaka* | *Pari* |
|---|---|---|---|
|  | 12:03 | 12:15 | 3:00 |
|  | 7:25 | 5:07 | 5:35 |
|  | 3:35 | 7:03 | 7:15 |

2) Heng sana lemahte hian dâr zât inziakte hi kawhtir rawh:



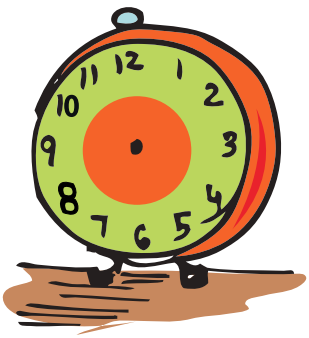
3:10



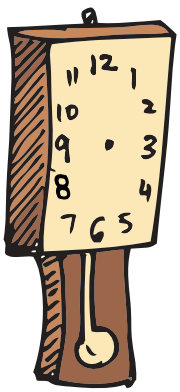
6:40



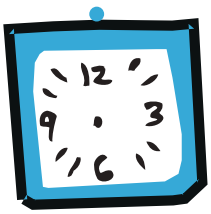
4:45



2:20



3:15

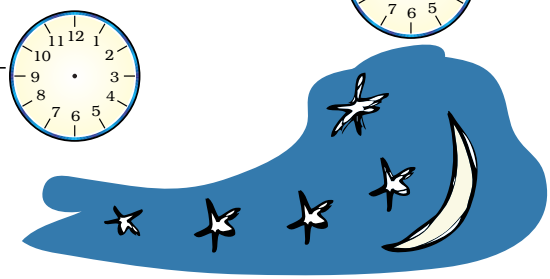


7:35

Vân lam thlîr nuam i ti em? I tih chuan hêngte hi ngaihnawm i ti ngei ang:

a) In vengah dâr eng zatah nge ni a chhuah ṭhin? ———

b) Eng tikah nge ni a tlâk ṭhin? ———



Ni chhuah leh ni tlâk hunte chu ni tin a ngai reng em?

Chanchinbu han en teh le. Thla hrang hranga ni chhuah leh tlâk hunte en teh.

Thlalâk hi en la, he thlâ an lâk lai âwm hun i hre thei em?

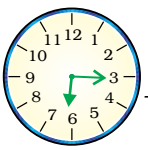


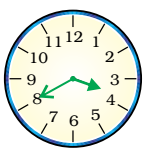
He thlalâk hi Paris, France-a lâk a ni a. Paris-ah chuan nipui laiin zân dar 9-ah ni a tla ṭhin. He thlalâk hi zana lâk a nih hi! Amaherawhchu thlasikah chuan Paris chu tlâi dâr 4-ah a thim tawh ṭhin.

### *3) Zawng chhuak rawh*

* A hnuaia lemahte hian vei lama dar zat aṭanga ding lama dar zat kawk tur hian minute ban hi engtia rei nge a kal ang?

a)   _____

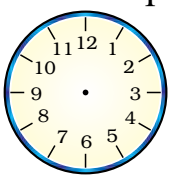
c)   _____

b)   _____

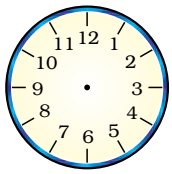
d)   _____

* Dârkâr leh minute bân siamin kawh dik tir ang che:

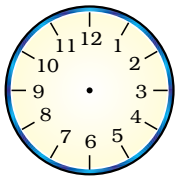
a) Dâr 6 minute 20-in a pêl.



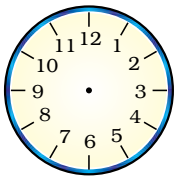
c) Dâr 7 leh minute 10.



b) Minute 30-in dâr 8 a pêl.



d) Minute 15-in dâr 5 a pêl.



* Engtia rei nge sikul assembly in neih ṭhin? _____

In lunch break rei zâwng eng zat nge?
_____

In game period rei zâwng eng zat nge? _____

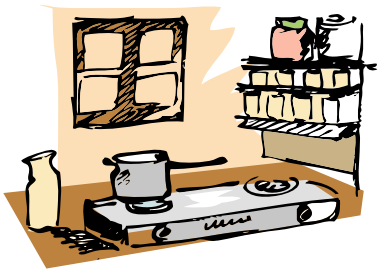
Period dang zawng nen a rei zâwng a inang em? _____







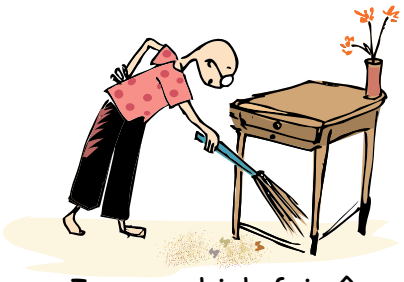
* A hnuaia târ lante tih nân hian minute eng zât nge ngai? Ring chhin la, inah i fiah dâwn nia.



Bâwnghnute litre 1 chhuan so nân _____



Bucket tihkhah nân _____



I room phiah fai nân _____

**Tih tur**



* Minute khat chhungin vawi eng zat nge i tih theih? —

a) Kut piai rik _____

b) Hrui zuan _____

c) Awm hmuna zuan _____

d) _____ _____

Hetiang lam tih tur hlimawm tak ziah belh ang che.

* Hengte hi han ti leh teh le. Engtia rei nge ?

a) Chawl lova i ṭawng theih _____

b) Ke pakhat chauha i din theih _____

c) Chawl lova 'Aaaaaaaa..... ' i tih theih? _____

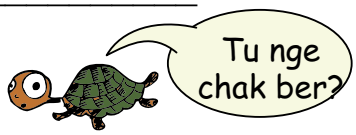



* Engtia rei nge —

a) 50 metre race i tlân? _____

b) Lei a lungte 50 chhar nân i hman? _____

c) 1 aṭanga 100 thleng i chhiar? _____



❋ Sana bawk i en ang aw! Chawk chhuak rawh —

a) Minute bân chu 2 aṭangin a che ṭan a, 2 bawk thleng leh turin minute eng zât nge ngai? _____

b) Dârkâr bân chu engtin nge a lo awm? A che ve em? Nambar pakhat aṭanga a dawt chiah nambar kal nân engtia rei nge a duh?

c) Han hawi kual vel la, darkar khat vela thawh zawh theiha i hriatte ziak chhuak ang che.

1. _____
2. _____
3. _____
4. _____
5. _____



Ei rawngbâwl nân in inah engtia rei nge hun hman a nih ṭhin?

Dârkâr khat aia rei/Dârkâr khat tling lo

I pain ei rawngbâwl ran lamah i nu a tluk em?
Han zawt teh. Aw / Aih

Eng game-te nge dârkâr khat aia rei lo?

_____

Football khelh hun chhûng hi engtia rei nge?

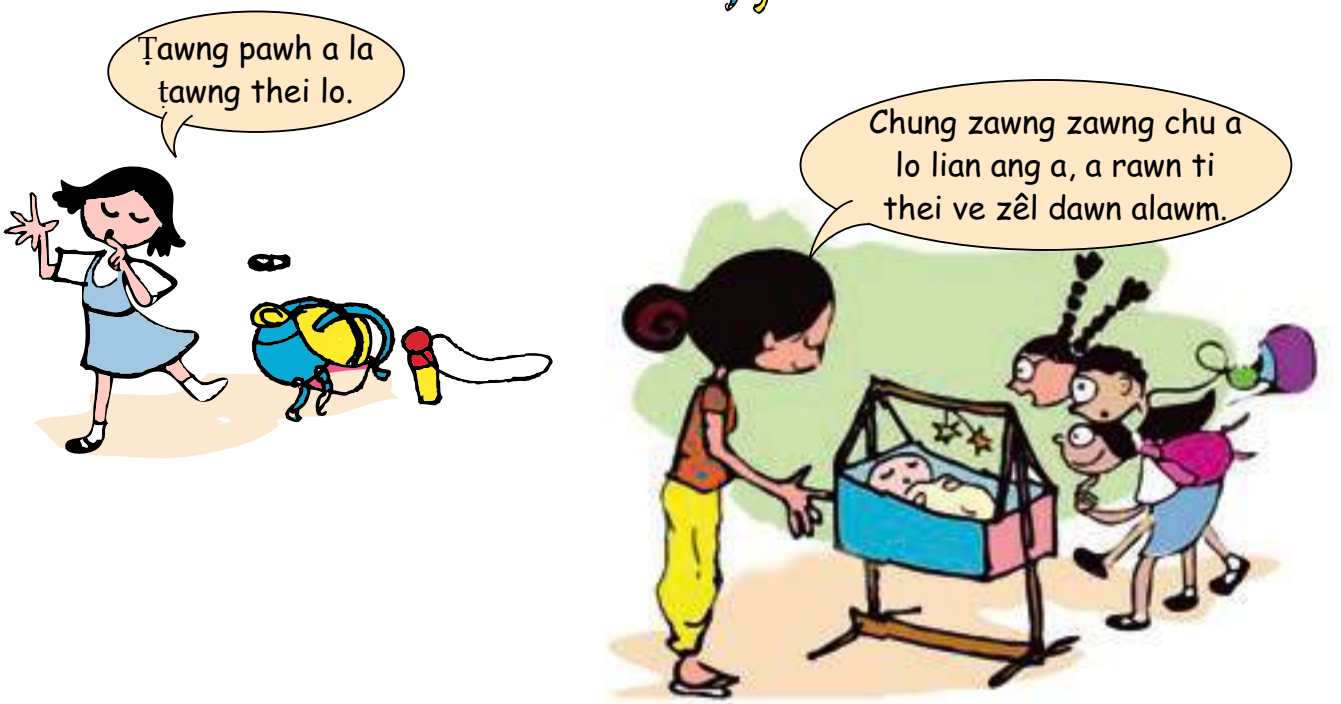
_____



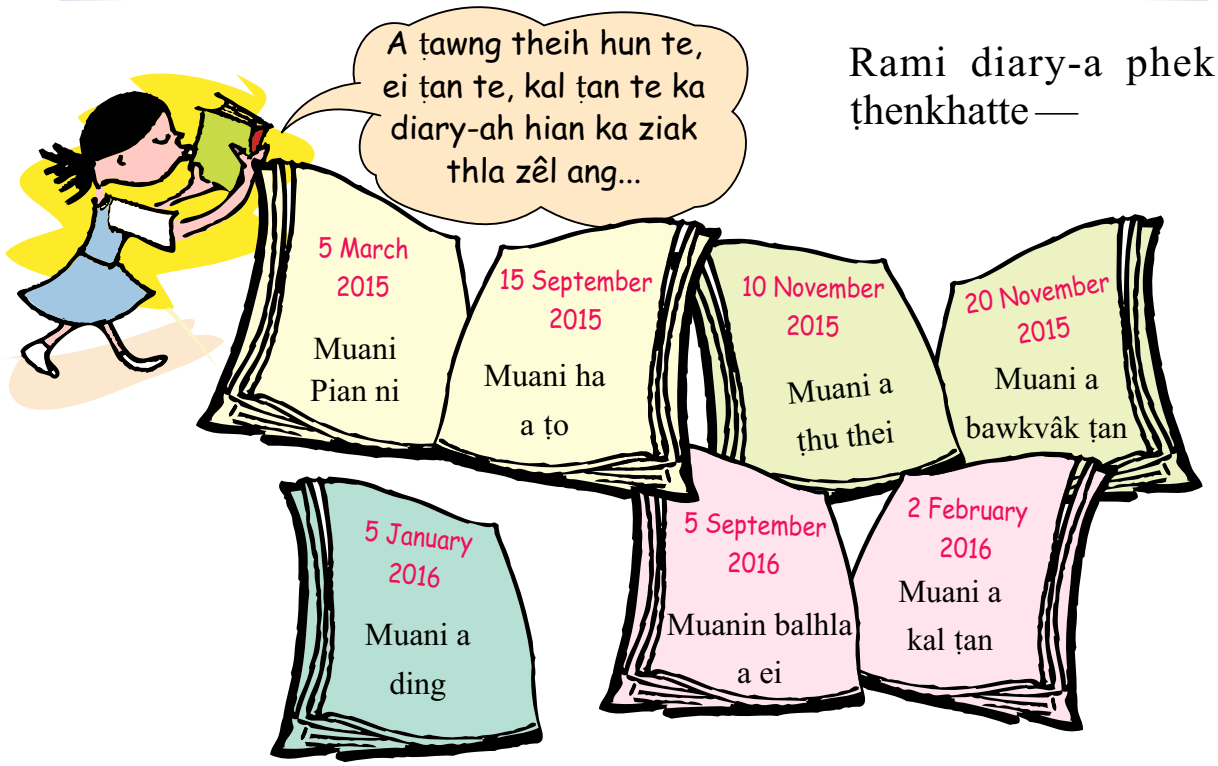
*Naupangten minute khat chhûnga an thil tih theihte hre fiahin activity-te chu tih nuam an ti ang. In chhunga thawh tur awmte thlirin hun pawimawhna an lo hre thiam ang a, tichuan mi dangte hnathawh pawh an hlut thiam ngei ang.*

# Rami Diary


Hawh u kan naute thar i va en ang u.
Ka nu, Muani tan sweet ka rawn lei a.
A la ei thei lo. A la sên lutuk alawm.


Ṭawng pawh a la ṭawng thei lo.
Chung zawng zawng chu a lo lian ang a, a rawn ti thei ve zêl dawn alawm.

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec




Rami diary-a phek ṭhenkhatte —

Muani hun tawng (timeline) ang zêlin dik takin ziak chhuak rawh.

5/3/15

A lo piang a

* Muani ha September-ah a ṭo va. Hetih lai hian thla eng zât a upa nge a nih? March aṭanga September thla thleng kha thla eng zât nge? _____

* Muani kha engtia upa a nihin nge

  (a) A ṭhut theih? _____

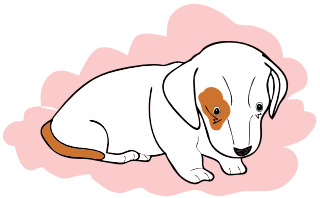
  (b) A ha hmasa ber a ṭo? _____



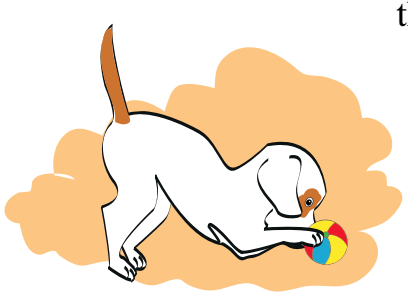
* Eng nge a tih theih hmasak zawk — 1) kal/balhla ei?

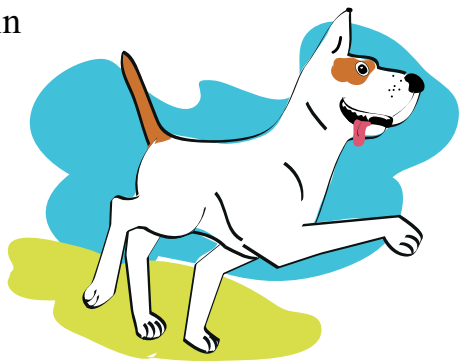
  2) bawhvah/din?

Ramin ui notê a nei a. Kar hnih hnuah a mit a keu va. A ṭhan dan heti hian a chhinchhiah a:



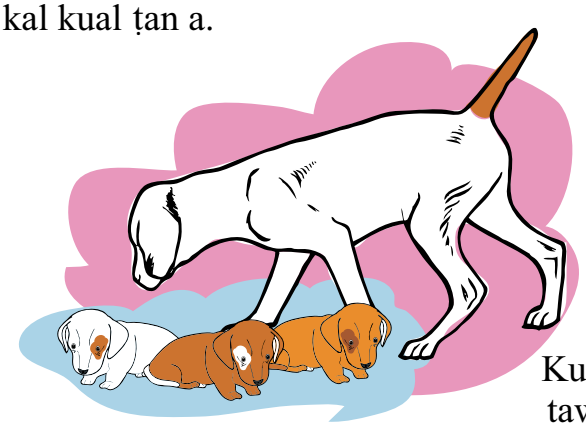
Kar 3 hnuah ha neiin thil a ei ṭan a.





Kar 4 hnuah nghet vak lovin a kal kual ṭan a.

Thla sarih a upa a nih chuan ha a nei kim ta a.



Kum 1 hnuah chuan a puitling tawh a, no te pawh a nei ve a.

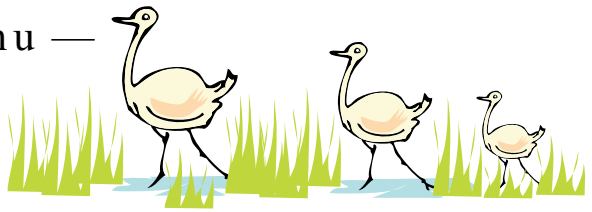
* Notebook-ah he ui sei len dan time-line hi siam rawh.
* Muani leh Rami ui notête danglamna i lo chhinchhiah ang u:

| *Dinhmun* | *Muani (kum)* | *Ui notê (kum)* |
|---|---|---|
| Kal ṭan | | |
| Thil ei hmasak ber | | |
| Ha neih hmasak ber | | |

## *Zawng chhuak rawh*

Rante hi an ṭhan chak dan a inang vek em?

Hengho ṭhan dan hi sawi ho teh u —



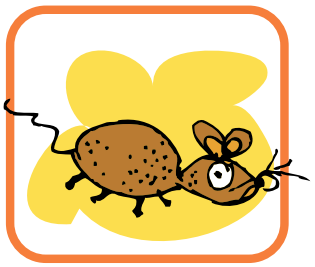
1. Ar
2. Bawng
3. Sava

Ramsa pui leh no lem ziak rawh.

A hnuai lemte hi en la, tu nge tar hmel bera i hriat?



Sai Appu-a pu
(Kum 95)



Sazu Chuchoo-a pu
(Kum 2)



Rami pu
(Kum 70)

* Appu-a pu chu Rami pu aiin kum eng zâtin nge a upat?
  _____
* Chuchoo-a pu chu Appu-a pu ang kum zât a dam thlen i ring em? _____
* Chuchoo-a pu chu Rami pu aiin kum eng zâtin nge a naupan?
  _____

*Naupangte leh zirtirtute tan nungcha hrang hrang ṭhan dân leh dam rei zâwng zawn chhuahna hun ṭha tak a ni thei. Heta a tum chu memorise ngai lovin heng chanchinte hi khaikhin leh sawi ho a ni.*

**Chawlhni hi a hlimawm!**

Tluanga-te an chawl ṭan a, a phur hle mai. Chawlh chhunga thil tih tur a ruahmante chu a farnu Sawmi chu hrilh a duh a. Lehkhathawn a ziak ta.

Aizawl

1/5/19

Dear Sawmi,

I dam ṭhin em? Kei chu ka dam e. Vawiin aṭangin sikul kan chawl ṭan a. Ni 8/5/19 hian ka pite ka tlawh ang a, tichuan ni 20/5/19-ah ka lêt leh ang. Ni 30/6/19 aṭangin sikul kan lut ṭan leh ang. Eng tikah nge sikul in chawlh ve dâwn? Lo zin thei la ka ti hle mai. A nuam dawn asin.



Mangṭha phawt mai le.

Tluanga

Sawmi-te chu Lungleiah an awm a. Lehkhathawn chu ni 6 / 5 / 19-ah lo hmuin, Tluanga chu chhân lêt a tum a-—

Lunglei

7/5/19



Dear Tluanga,

Ka dam ṭha e. Niminah i lehkha ka lo hmu a. Happy Holidays! Kan sikul chu ni 3 June 2019 aṭangin kan chawl ṭan anga tichuan 12 August-ah kan lût leh ang. Champhaiah sikul naupangho kan zin dawn a. Ni 7 /6/19- ah kan lo kir leh ang. Kan lo lêt leh hnuah Aizawlah chuan lo kal ka tum dawn nia. Bye

Sawmi

Tluanga chuan a lehkhathawn chu ni 1 / 5 / 19-ah a ziak a. Nambar in, ni ziak dan in la hria em?

1 May 2019 hi 1/5/19 tia ziak a ni.

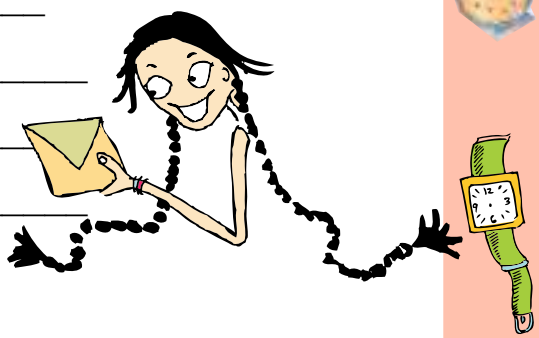
Hêngte hi eng nite nge an nih ziak rawh –

5/5/19 5 May 2019

20/5/19 _____

7/6/19 _____

1/1/20 _____



Hêng nite hi nambarin ziak rawh.

1 June 2019 _____

30 May 2019 _____

10 Aug 2019 _____

* Aizawl aṭanga Lunglei thlen nân lehkhathawn kha engtia rei nge a thang? _____
* Tluanga kha engtia rei nge a pite inah a châm? _____
* Fill in the table:

| | *Ni* *aṭang* *thleng* | *Ni zat* |
|---|---|---|
| Sawmi chawlh | | |
| Tluanga chawlh | | |




Tu nge chawlh nei rei zâwk- Sawmi nge Tluanga?

* In sikulah eng chawlhte hi nge in neih? Table hi dah khat ang che.

| *Chawlh chhan* | *Ni* *aṭangin* *thleng* | *Ni zat* |
|---|---|---|
| Nipui chawlh | | |
| Favang chawlh | | |
| Thlasik chawlh | | |
| Exam zawh chawlh | | |

15 May 2006-ah Chhanhima chu dawrah butter lei turin a kal a. Butter chu a ei tlâk em tih hriat nan a tuamna chu a en a.

A tuamnaa inziak chu — Fûn ni aṭanga ni 180 ral hma a ei ni se.

Tichuan a fun ni chu a en leh nghal a.

Ni 15/01/ 06 tih a lo inziak a.

Butter chu lei a chi leh chi loh chhûtpui rawh le.




— Butter an pack thla chu _____

— Ni 15/01/ 06 aṭanga chhûtin eng thlaah nge ni 180 a nih ang? _____

— Chhanhiman butter chu 15 May 2006-ah ei se, a la pawi lo thei ang em? _____

Thil i leiin a fûn hun i en ṭhin em?

Damdawi ten expiry date (thih hun) an neih hi i lo hre tawh ṭhin em? Chu chuan kha damdawi kha engtik hun hnulam aṭangin nge ei a him loh tih a hriattir?

**Zawng chhuak rawh**

* Eng thil dangah te nge expiry date chuang ṭhin?

  Khuh damdawi burah tihian a inziak:

  Mfg. date 07/03

  July 2003-a siam a nih a tar lang.

  Exp. date 07/05

  Hei hian he damdawi hi ei a him chin thla leh kum a târ lang.

* Eng thla leh kum nge 07/05 tiha kan ziah?

  _____

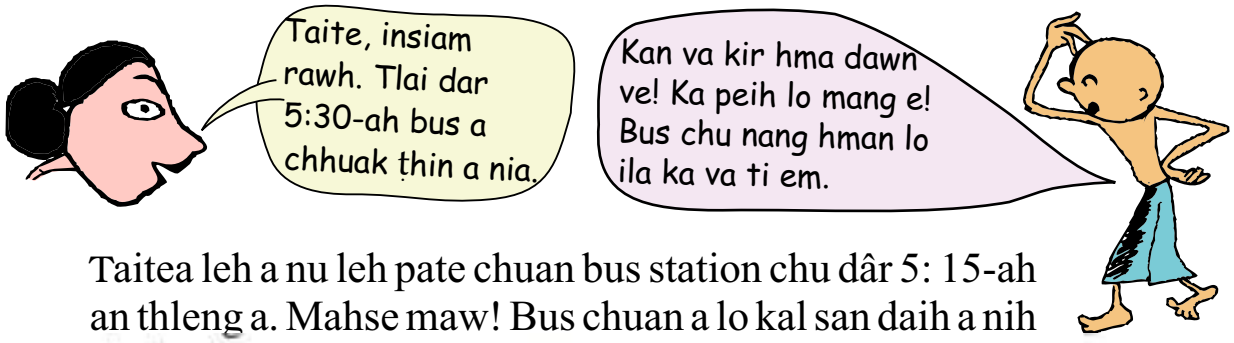
  Khuh damdawi chu September 2005-ah ei a la him ang em? _____




Naupangte chu manufacturing date emaw, expiry date emaw te awmzia hre tura beisei an ni lo. Amaherawhchu hengte hian damdawi chu engtika siam nge a nih a, engtik thleng nge him taka ei theih a nih tih hmelhriat nana an hman a ṭha. Thil dang hrang hranga heng nambar inziakte hi chhiar turin naupangte hi fuih tur.

## Bus-in Taitea a tlânsan

Taitea te sikul chu nipui chawlh avângin khar a ni a. A pite a va tlawh a, chutah chuan a unaute nên an inhmu a. Nuam a tih em avangin an in lama haw chu a châk lo viau mai a.



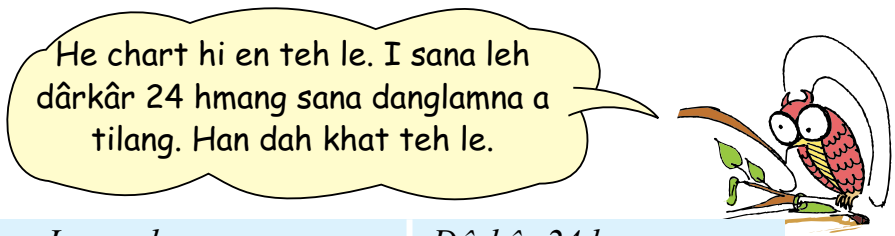

Taitea leh a nu leh pate chuan bus station chu dâr 5: 15-ah an thleng a. Mahse maw! Bus chuan a lo kal san daih a nih chu!



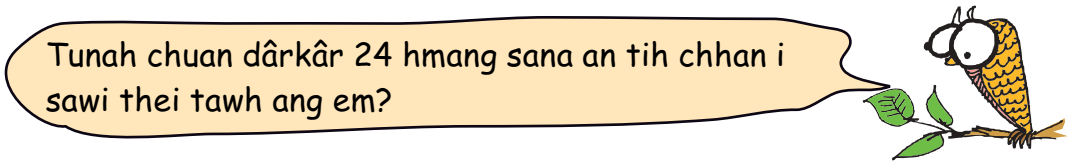

Bus an nan lohna chhan chu i hre thei em le?

Bus chu tlai ni lovin zing dâr 5:30-ah a lo chhuak alawm! Taitea nu leh pate chu an lungawi lo hle a, bus conductor chu thu an zawt fiah ta a —




| *I sana hun (dârkar 12 hmang)* | *Dârkâr 24 hmang sana* |
|---|---|
| Chawhnu dâr 1 | 13:00 |
| Chawhnu dâr 2 | 14:00 |
| Chawhnu dâr 3 | _____ |
| Tlai dâr 3:30 | 15:30 |
| Tlai dâr 6:00 | _____ |
| Tlai dâr 9:00 | _____ |
| Zanlai dâr 12:00 | _____ |




Bus chhuah hun chu zan dâr 8:30 ni se, bus ticket-a a inziak dân tur chu _____ a ni.




Ni chhuah hun leh tlâk hun i chhinchhiah tawh ngei ang a.

A.M. leh P.M. hmangin a hnuaiah hian han ziak teh le.

| | |
|---|---|
| Ni chhuah hun | |
| Ni tlâk hun | |



Dârkâr 24 hmang sana khawiah nge i hmuh tawh?

1. _____
2. _____
3. _____



# 5 Khawvel Lan Dan

### Boruaka Mickey-a zinkawng




Mickey-a chu sazu te huaisen tak a ni a. Ni khat chu naupangho balloon thlawkthei lian pui khâl lai a hmu a. Balloon chu kâng chhovin in chung a han tawng a. Mickey-a chu tiphûr êm êmin, ngaihtuahna a neihtir a. A tuka naupangho sikul kal hlan chuan Mickey-a chu balloon thlunna hruiah chuan a lawn ta a. Chung lam aṭang chuan fan bânte a zu hmu thei a.

✤ Fan chu chung lam aṭanga thlira a lan dan tur lem ziak rawh.

Mickey-a chu a hawi thla a. Khum te, chair te, dawhkân pakhat a chunga lehkhabu awm te leh dawhkân dang a chunga bottle, jug, thei leh ei tur awm te a zu hmu a.

✤ Thlalakah hian chung thilte chu i hmu thei em?




He thawnthu hi hre thiam turin suangtuah thiam fe a ngai a. Tin, naupangten thil hrang hrangte hi thlirna hmun hlat zâwng leh thlir zâwng hrang hrang aṭanga thlirin an lan dan leh len zâwng a dan theih dân mumal taka an sawi ho a ṭha. Amaherawhchu, thawnthu hi a ngaihnawmna bo ṭhak khawpa chung thilte buaipui chu a ṭul lem lo.

✤ Chinky-i hmuh theih loh jug chunga cheese awm Mickey-an a hmuh theih chhan i sawi thei em?

Chutih lai tak chuan thli na tak maiin balloon chu room pawnah a len chhuak ta a.

In chhûnga ka tlân kual ṭhin khan a lian viau khan ka hria a, mahse heta ṭang hi chuan a lang tê kher mai. Engtin nge a nih theih aw!

Balloon chu a thlawk sang zêl a, Mickey-a pawh chu a thlawk chho ve ta zêl a. A hawi thlak chuan a in chu a hmu thei a.

A thlawk sang zêl a, a in bula thil awmte chu a hmuh belh zel a. Chungte chu - park, biakin, rêl kawng, chithlum dawr leh tuizem lian pui awmna Mary-i te in te a ni.

Rêl kawnga mi khu tu nge? Zawhte thau Monty-a a ni em? Ha! Ha! Ha!.. heta ṭang hi chuan sazu var lian a ang mai alawm le.

Hei hi nitin John-a kalna biakin a va ni mai awm ve.



He lai hnaiah chithlum zawrhna a awm tih ka lo hre rêng rêng hlei nem.

- Chung lam aṭanga in classroom lan dân tur han suangtuah teh. A lem ziak tum la, ṭhutthlêngsei te, blackboard te, kawngkhar te, tukverh te leh a dang te i ziak tel dawn nia.

Balloon chu a kâng sang chho zel a, in te, kalkawng te leh bus tam tak a hmuh belh zel a, Mickey-a chuan khawvel len dan tur a ngaihtuah a.

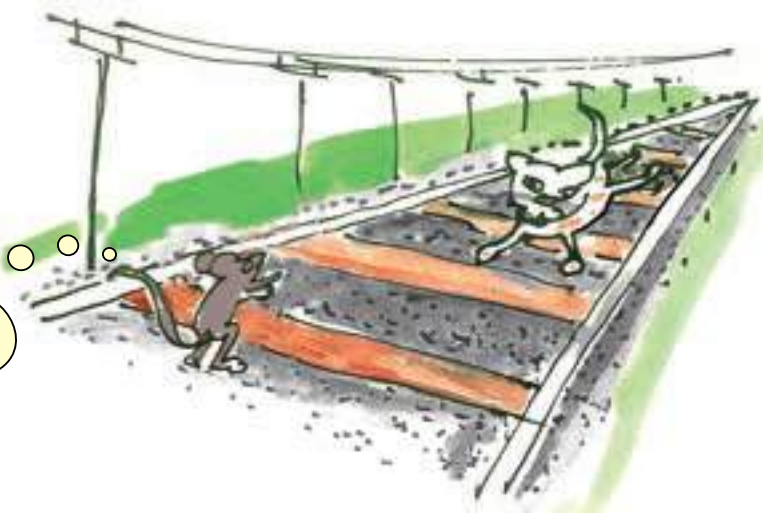



Thawk leh khatah eng emaw hi a puak ri dur mai a. Balloon chu a puak a lo ni a, a tla thla ta vawn vawn mai a. Thil zawng zawng chu an lang lian leh ta tulh tulh a. Awi! ... Mickey-a chu rêl kawngah chuan a tla ta dup mai a. Amah leh sazu dang ûmtu Monty-a laka him tur chuan a tlanchhe ta a.



Chunglam aṭanga Mickey-an rêl kawng a ena, a lan dân chu hetiang hi a ni. —

Mahse rêl kawnga a tlâk chuan hei hi a lan dân chu a ni.



Aw! Chung lam aṭanga thlir leh a sir zâwnga thlir chuan thil a lo va lang danglam thei ve.

✤ Heng thlalâkte hi enin, a hma lama lang lian si a, zuih anga an lan chhan sawi ho rawh u.





**Awm dan thuhmun leh lan dan pahnih rin zawm**

Hei hi chung lam aṭanga hmeichhia a insawizawi lai lan dan a ni.



A hnuaia thlalâk zingah hian pakhat chauh he insawizawi lai nena inang chiah hi a awm. Chu chu thai rawh.









Hêngte hi bowl thuhmun, thlir dan azira an lan dan a ni.







✤ Eng thlalâk zâwkah hian nge bowl-te hi khup anga an lan? _____

Thlalâk 3-na a sir zâwnga an lanna hi en la i chhâng thei ang.




✤ Pipe leh kâk lemte hi chung lam atang leh sir zawnga an lan dan a ni a, dik takin rin zawm rawh.

— Pipe

— Kâk



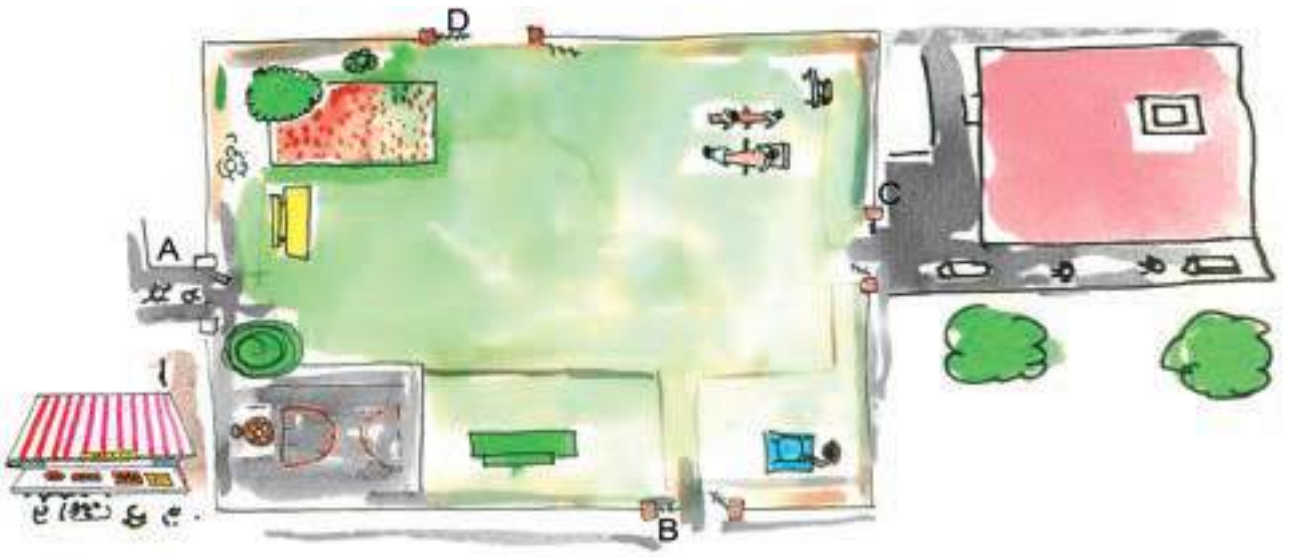
✤ Pheikhawk a chung lam, sir, hma lam, etc .. aṭanga a lan dan lem ziah tum ang che.

Kil hrang hrang aṭanga thil lan dan ngaihruat leh zawn chhuah chu naupangte tan thil phurawm tak a ni thei. Tin, hei hian thil pianzia, an hlat dân, etc .. hriat thiamna a neihtir thei bawk.

## Mickey-a in hnunga park

Mickey-a te in hnung lama park awm kha i la hria em?

A hnuaia hi kha park thlalâk lian zawk kha dah a ni e. Uluk takin en la, zawhnate hi i chhâng dâwn nia.



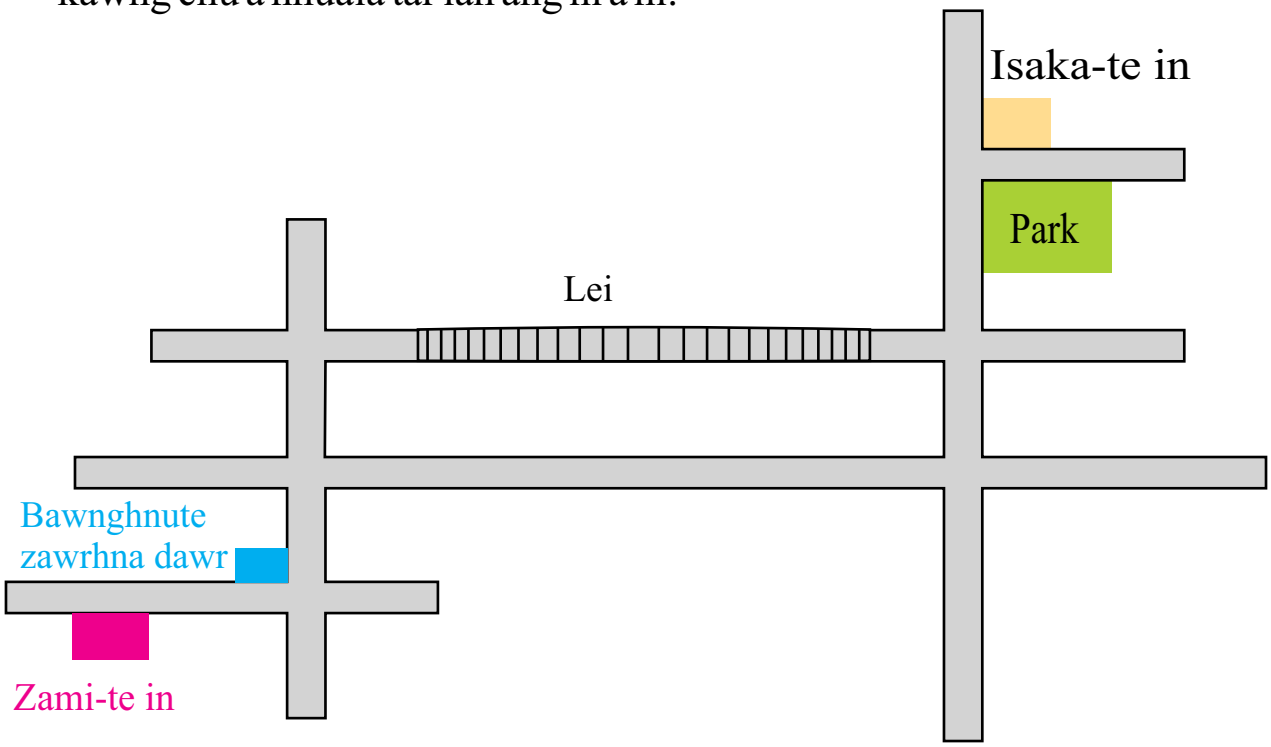

- Gate A / B / C / D-te zinga chithlum dawr hnaih ber gate thai rawh.
- Eng gate nge Mickey-a te in aṭanga hnai ber?
- Gate B ah i luh chuan ṭhutthlêng hring chu i vei lam/ ding lam/ hma lamah a awm ang
- Mary-i chu park-ah a luh in pangpâr huan chu a ding lamah a awm a. Eng gate aṭangin nge a luh?
- Gate C aṭangin lut ta la, a eng hi nge awm hnai ber ang?

1. Basketball court
2. Pangpâr huan
3. Ṭhutthleng hring
4. Inbûkna

Naupangte hian thil hawi zawng hi ding lam, vei lam, etc ... tia chhinchhiah mai hi an ching ṭhin a, amaherawhchu an awmna azirin thil hawi zawngte hi an danglam thei a ni tih hriattir a ṭul. Hmun khat tâna vei lama thil awm hi awmna hmun dang aṭang chuan ding lamah a awm thei tih hriat a ṭha. Activity hmangin hrilh chian tur.

**Isaka-te in**

Isaka chuan phone in Zami chu an ina kal dân tur a hrilh a. An in kawng chu a hnuaia tar lan ang hi a ni.




Isaka'n Zami a hrilh dan:



"In in aṭangin bawnghnute zawrhna thleng phei la; Vei lam pêng zawh ang che. Kawngpui intawhna pahnihnaah ding lam pêng zawh leh la, lei i zawh ang a. Lei piahah hma lama kal zelin ding lama pêng hmasa berah pêng la, metre 100 vel i kalin park zau tak i hmu ang.

Chu park chu i kal pelhin kawng zim deuh tak pêng i lo thleng ang a. Chu kawng zimte kama in hmasa ber chu kan in chu a ni.

- Isaka'n sawi dik loh lai a nei em? I tih dik sak thei em?
- Isaka hrilh danin kal ta se, Zami chuan khawi lai nge a thlen ang? Han tar lang teh.
- Isaka-te in aṭanga Zami-te in kal dan tur ziak chhuak rawh.

## Gibli and the Big Box



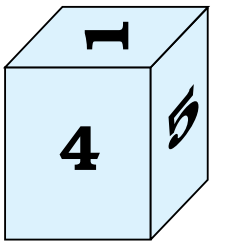

Math-Magic Bu 3-na a fanghmir Gibli-i kha i la hria em?

Tûk khat chu Gibli-i chuan a kalkawngah bâwm lian pui mai a hmu a. A lan dan chu hetiang hi a ni.




Bâwm hmai khat kal pêlin vei lamah a pêng a. Chu bâwm hmai dang chu a hmu leh a.

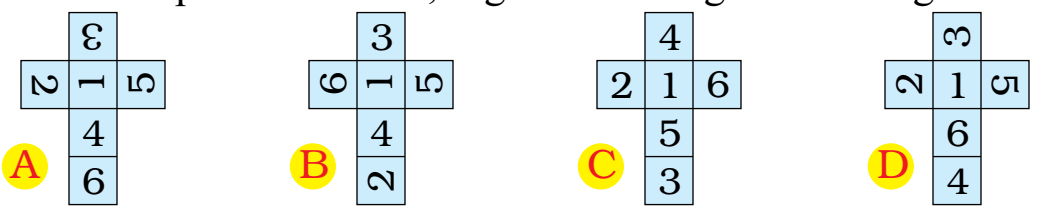
Gibli-i chuan a ngaihna a hre lo hle a. Hei hi eng bâwm nge? No chungah lawnin chuta ṭang chuan a thlir a. Bâwm chu hetiang hian a hmu a ni.




Chu bâwm chu eng thil chiah nge a nih i hre thei em?

He bâwm hmai inepa nambar awmte belh khawm chu 7 a ni.

- 5 epah eng nambar nge awm ang?
- A lema bâwm mawngah khian eng nambar nge awm?
- 5 awmna hmai khi kal pelin vei lam hawi leh ta se Gibli-in eng nambar nge a hmuh ang?
- Bâwm khi phelh darh ta la, eng lem ber hi nge i hmuh ang?




A lem dik ber thai rawh.

***Ti chhin rawh.***

Khitiang pianze nei khi lehkha chhahah ziak la, chu chu chep thla la. A hmai hrang hrangte khi rawng hrang ṭheuhvin chei ang che. He bâwm hi inkhelh nan i hmang thei ang em?

# 6 Thil Hlui Zuartu



Hmeichhe thil hlui zuar *Kabariwali* an tih mai hi i hmu tawh ngai em? Hemi thu hi Patna-a thil hlui zawrhna dawr neitu Kiran-i sawi a ni.



Kan khuaa Hindi ṭawng hmanga zirna sikulah ka zir a. Ka pa hian hmeichhiate chu mipate ang bawka lehkha zir turin a duh a ni. Hindi leh Science-te hi zir nuam ka ti a, mahse Maths erawh hi chu ka ning thei hle! Tunah chuan ka hna atan Maths hi thil pawimawh ber a ni. Chu chu sikul ka kal laiin ka ngaihtuah pha ngai lo.

A nih leh nang, Maths hi har i ti ve em?

In Maths zirlai buah eng nge har i tih ber?_____

Eng zirlai nge awl i tih ber? _____

Ka naupan laiin ka pa chu a boral hlauh mai a. Ka nu chu mi inah a inhlawh ṭhin a. Kan harsa thei hle a ni. Pawl riat ka zawh hnu chuan sikul ka chawlhsan a ṭul ta a. Zir chhunzawm chu duh hle mah ila ka nu chuan pasal min neihtir a.

Ka pasalte chhungkua chu chirha siam inah an khawsa a. A unau mipa pahnih leh a farnute chuan sikul an kal ngai lo. Ka pasal chuan thingpui dawr a nei ve a.

***Zawng chhuak rawh: Thingpui no khat man eng zat nge?***

Thingpui no khat man mi han zâwt vel teh.

★ Thingpui dawrah _____

★ Hotel-ah _____

Thingpui dawr neituin ni khatah ₹ 30 hlawh se, ni 10-ah eng zât nge a hlawh ang? _____

A nih thla khatah? _____

Engtin nge a chhânna i hriat theih? Sawi ho rawh u.





Mahnia sumdawn ṭan ka rilruk a. Tlereuh dawr emaw, puanṭhuina dawr emaw ka hawng ang chu ka ti a. Mahse ka puin thil hlui zawrhna dâwr a hlawk thu min hrilh a.

Kum 2001-ah ka pasala nu nen thil hlui zawrhna dâwr chu kan hawng ve ta a. Dawr siam nan chuan ₹8000 loan kan la a.

***Zawng chhuak rawh: eng nge loan chu?***

★ Miin loan a la tih thawm i hre tawh ngai em? Eng atan nge an lâk? _____

★ Chêng eng zât nge an lâk? _____

★ Eng zâtin nge an rulh? _____

Hariya-a leh Babu-a ten tawlailir (handcart) ₹300 man lei an duh a.



Hariya

Thla ruk chhûnga rulh turin bank aṭangin ₹300 loan ka la a. Bank chu thla tin ₹ 51 ka pe ang.

Kei chuan Chunnilal-a hnên aṭangin ₹ 300 ka pûk a. Thla ruk hnuah ₹ 360 ka pe ang.



Babu

Tuin nge rulh tur ngah zâwk — Hariya-a nge Babu-a?_____



Kan hnathawh hi miten an nuihzatin min chhaih nan an hmang fo ṭhin. Hna tenawm an ti ṭhin. Mahse kei chuan chutiang chuan ka ngaihtuah ve ngai lo, a ṭha dawnin ka ring tlat a.

Tunah chuan electric awmna in pangngaiah kan chêng ve tawh a. Fridge, TV leh gas stove te pawh kan nei ve tawh. Ka pasala unaute leh kan fanute pawhin sikul an kal ve tawh.





Keima pualin rickshaw 9 ka nei ve a, chûngte chu ni khatah ₹ 20 zelin an hawh ṭhin. Pathianniah erawh chuan a man ka la ngai lo.

**Rickshaw 9 aṭang chuan Kiran-in nikhatah eng zât nge a hmuh?**

Rickshaw 1 aṭangin ni khatah ₹ 20 a hmu a.

Tichuan, rickshaw 9 aṭang chuan ₹ _____ a hmu a.

Engtin nge i hmuh chhuah?

Heti hian ka chhût teh ang. 9 vawi 2 chu 18 a ni a. Tichuan 9 vawi 20 chu 180 a ni.



Kei chu ti hian chhût a awl ka ti zâwk. Rickshaw 10 aṭanga hmuh theih zât tur chu ₹ 20 × 10 = ₹ 200. Tichuan, rickshaw 9 aṭanga a hmuh theih zât chu

₹ 200 - _____ = _____

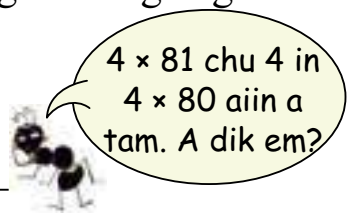
A tih dan kawng dang zawng rawh.

Naupangte chu an thiam dan ang zâwnga chawk chhuak turin fuih la, an chawh dan chu sawi ho ni bawk se.

✻ Kâr khatah Kiran-i chuan rickshaw pakhat aṭangin chêng eng zât nge a hlawh?

✻ ***I rilruin chhût la, a dikna ziak ang che.***

| | | | |
|---|---|---|---|
| $2 \times 6$ | = _____ | $4 \times 80$ | = _____ |
| $20 \times 6$ | = _____ | $4 \times 81$ | = _____ |
| $2 \times 60$ | = _____ | $9 \times 25$ | = _____ |
| $3 \times 42$ | = _____ | $31 \times 9$ | = _____ |





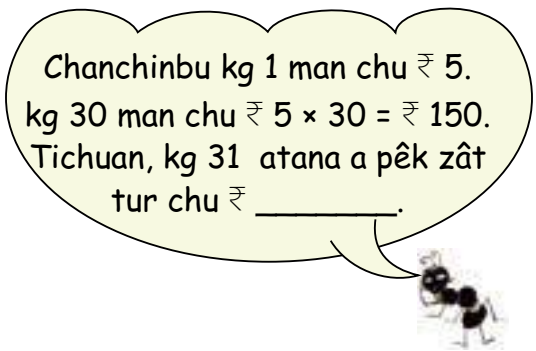

Thil hlui zawrhna dâwr lian vak lo ka nei a. Thil hlui khawn khâwmtute aṭangin ka lei ṭhin. Anni hian in tina kalin thil hluite hi tawlailir hmangin an rawn la khawm a, tichuan dawr lian zawkah ka lo hralh ve leh ṭhin.

**He thil hlui atan hian cheng eng zât nge ka pek ang?**

Kiran-i chuan thil hlui ṭhenkhat a hnena rawn zuartute aṭang chuan a lei a.

Vawiina thil mante en la, Kiran-i thil hlui man chhutpui ang che.

✻ Chanchinbu kg 31 lei nan Kiran-in chêng eng zât nge a pêk ang?




Hei hian naupangte chu puntir chawh nan an hriat sa piah lamah kawng hrang hrang dap turin a cho chhuak ang.

| Rate-List | |
|---|---|
| Hming | Kg 1 man |
| 1. Lehkha chhia ..... | ₹ 4/- |
| 2. Chanchinbu ..... | ₹ 5/- |
| 3. Thir chhia ..... | ₹ 12/- |
| 4. Dâr chhia ..... | ₹ 170/- |
| 5. Plastic ..... | ₹ 10/- |

* Chanchinbu Kg 42 man atan Kiran-in eng zât nge a pêk ang?
* Heng hi zawng nghal ang che:
  a) Plastic kg 22 man
  b) Lehkha chhia kg 23 man
  c) Thir chhia kg 12 man

Hengte hi ziak chhuak lovin i ti thei em?



A zavaia belh khawmin thil hlui rawn la khâwmtute hnena Kiran-in pawisa a pek tur zât ring rawh.
— 600 aiin a tam ang em?
— 600 aiin a tlêm ang em?

**Mi fing Kiran-in thil hlui a hralh**



Kiran-i chuan thil hlui a neihte chu dâwr lian zawkah a hralh. A mobile phone hmangin mi a man zât a zawt phawt a, to deuhva a hralh theih hunah a hralh chauh ṭhin.

Vawiinah chuan Dinu-a dawrah plastic, chanchinbu, thir chhia leh dâr te hralh turin a feh chhuak a.

Dinu-a chuan thir chhia kg 32, dâr kg 4, chanchin bu kg 152 leh plastic kg 63 te a lo bûksak a.





## *A. Dinu-a chuan plastic kg 63 atân cheng eng zât nge a pêk ang?*

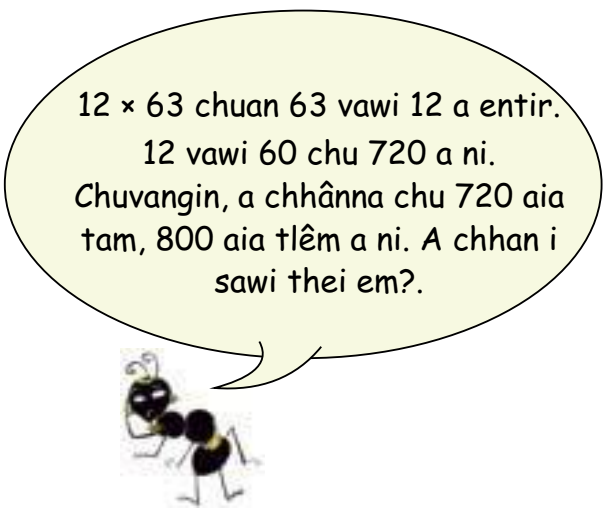
Plastic kg 1 man chu ₹ 12 a ni a.
Tichuan, kg 63 man chu ₹12 × 63 a ni.

Pawl thuma bâwm hmanga nambar pahnih puntir i zir kha i la hria em?

**Dinu-a Rate-List**

| Hming | Kg 1 man |
|---|---|
| 1. Chanchinbu ..... | ₹ 6/- |
| 2. Thir chhia ..... | ₹ 14/- |
| 3. Dâr chhia ..... | ₹ 180/- |
| 4. Plastic ..... | ₹ 12/- |
| 5. Lehkha chhia .... | ₹ 4.50/- |

| | 60 | 3 |
|---|---|---|
| 10 | 60 × 10<br>**600** | 3 × 10<br>**30** |
| 2 | 60 × 2<br>**120** | 3 × 2<br>**6** |




Bâwma nambar awmte chu Dinu-a chuan a belh a:

600
120
30
+ 6
---
756
---

Tichuan, plastic kg 63 man atan Dinu-a chuan ₹ 756 a pe ang.

* Kiran-i chuan plastic kg 1 ₹10-a leiin ₹12-in a hralh leh a. Plastic kg 1-a hralhin chêng eng zât nge a hlawh? ₹ _____

Tichuan, kg 63-ah chuan chêng eng zât nge a hlawh? ₹ _____

### *B. Kiran-in thir chhia kg 32 a hralh*

* Thir chhia kg 32 lei nân Dinu-an cheng eng zât nge a pêk ang?
* Kiran-in thir chhia kg 1 ₹ 12-a leiin ₹ 14-in a hralh leh a.

Thir chhia kg 32 a hralhin Kiran-i chuan chêng eng zât nge a hlawh?
₹ _____

### *C. Dinu-an chanchinbu kg 152 atan eng zât nge a pêk?*

Chanchinbu kg 1 man chu ₹ 6. Tichuan, chanchinbu kg 152 man chu ₹ 6 × 152.

Heti hian a ziak a:

| | 100 | 50 | 2 |
|---|---|---|---|
| 6 | 100 × 6<br>**600** | 50 × 6<br>**300** | 2×6<br>**12** |



6 × 100 = 600. Chuvangin, a chhânna chu 600 aia tam. 1000 aiin a tlem ang em? Sawi fiah rawh.

Bâwm chhunga nambarte chu a belh a:

600
300
\+ 12
912

Chanchinbu kg 1 ₹ 4-a ka lei laiin ₹ 6 in ka hralh a. kg 152 ka hralh chuan chêng eng zât nge ka hlawh tak?
_____



Tichuan, chanchinbu kg 152 man atan chuan Kiran-i chuan ₹ 912 a pe.

### *D. Dâr manah Dinu-an eng nge a pek?*

Dâr kg 4 lei nan Dinu-an chêng eng zah nge a pêk? _____



A zât ring hmasa phawt rawh.

***A chhuak tur ring hmasa phawt la, i chhut chhuak dawn nia:***

a) $37 \times 18 =$ e) $142 \times 5 =$

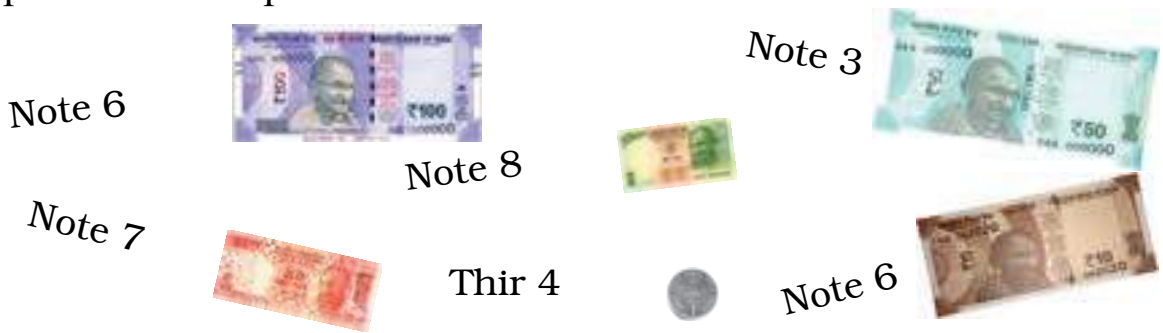
b) $45 \times 24 =$ f) $382 \times 3 =$

c) $69 \times 52 =$ g) $2 \times 175 =$

d) $77 \times 55 =$ h) $4 \times 206 =$

**Ka diary-ah dah khat ang u**

Kiran-in thil hlui la khâwmtute hnen aṭangin ₹841 pein an thil chu a leisak a. Chûng chu Dinu-a hnenah hralhin Dinu-a chuan hêng pawisate hi a lo pe a.




Kiran-i chuan a diary-ah heti hian a ziak lut a.

11 March 2007

Pawisa ka pêk — ₹ 841

**Pawisa ka hmuh** — ₹ **600**

— ₹ **150**

— ₹ **140**

— ₹ **60**

— ₹ **40**

— ₹ **4**

**Total ₹ 994**

₹ 994

– ₹ 841

Ka hlawh: ₹ 153

A hnuah chuan thil hlui la khawmtu chu ₹ 919 a pe a. Chung thil hluite a hralh chuan pawisa note leh thir hetiang hian a dawng a.

thir 28



note 18



note 5



note 9



note 1



Kiran-i diary-ah ziak lût ve thung rawh le.

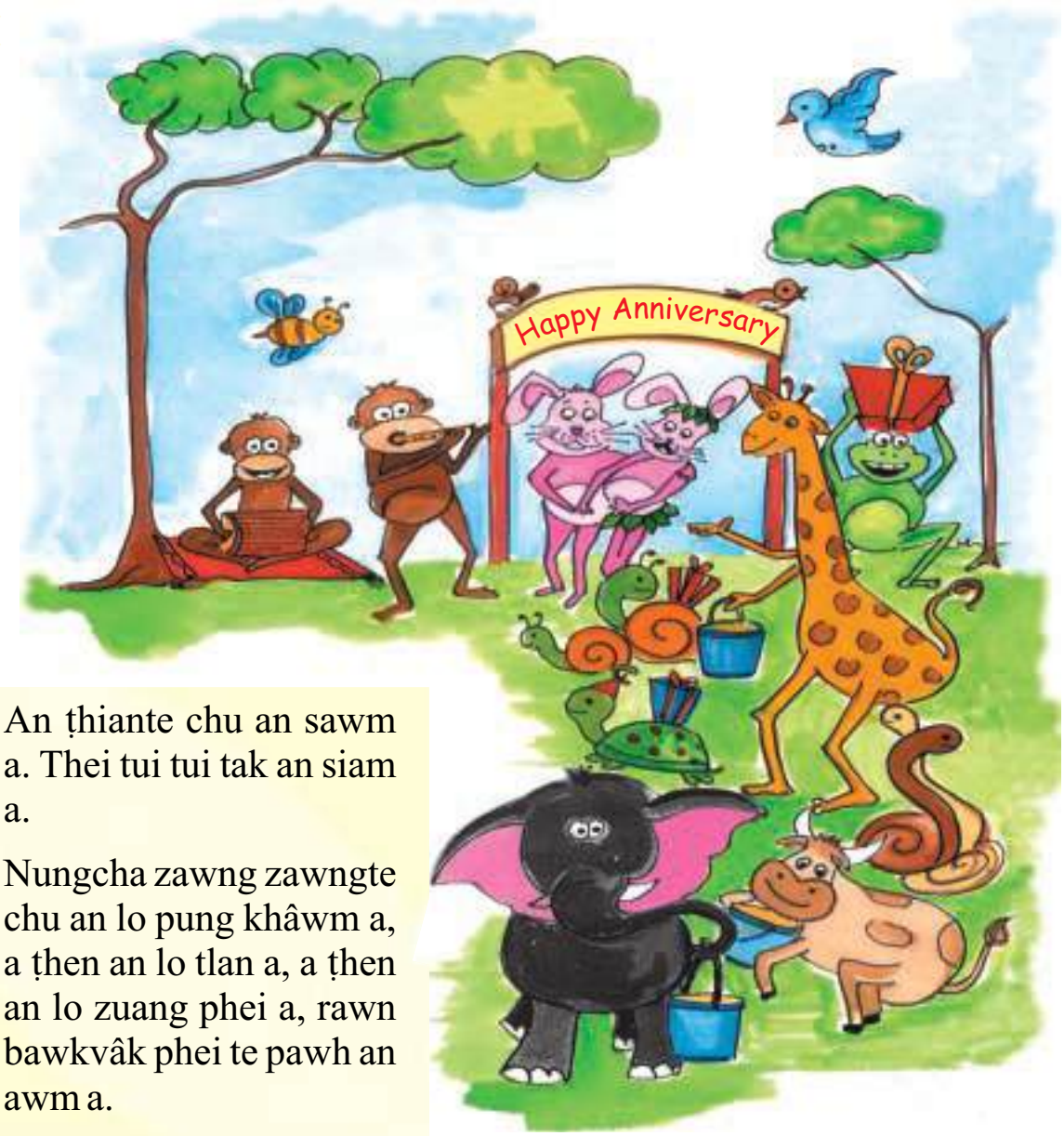
Hemi ṭum hian eng zat nge a hlawh zawng chhuak ang che.

18 March 2015

# 7 Jug leh No

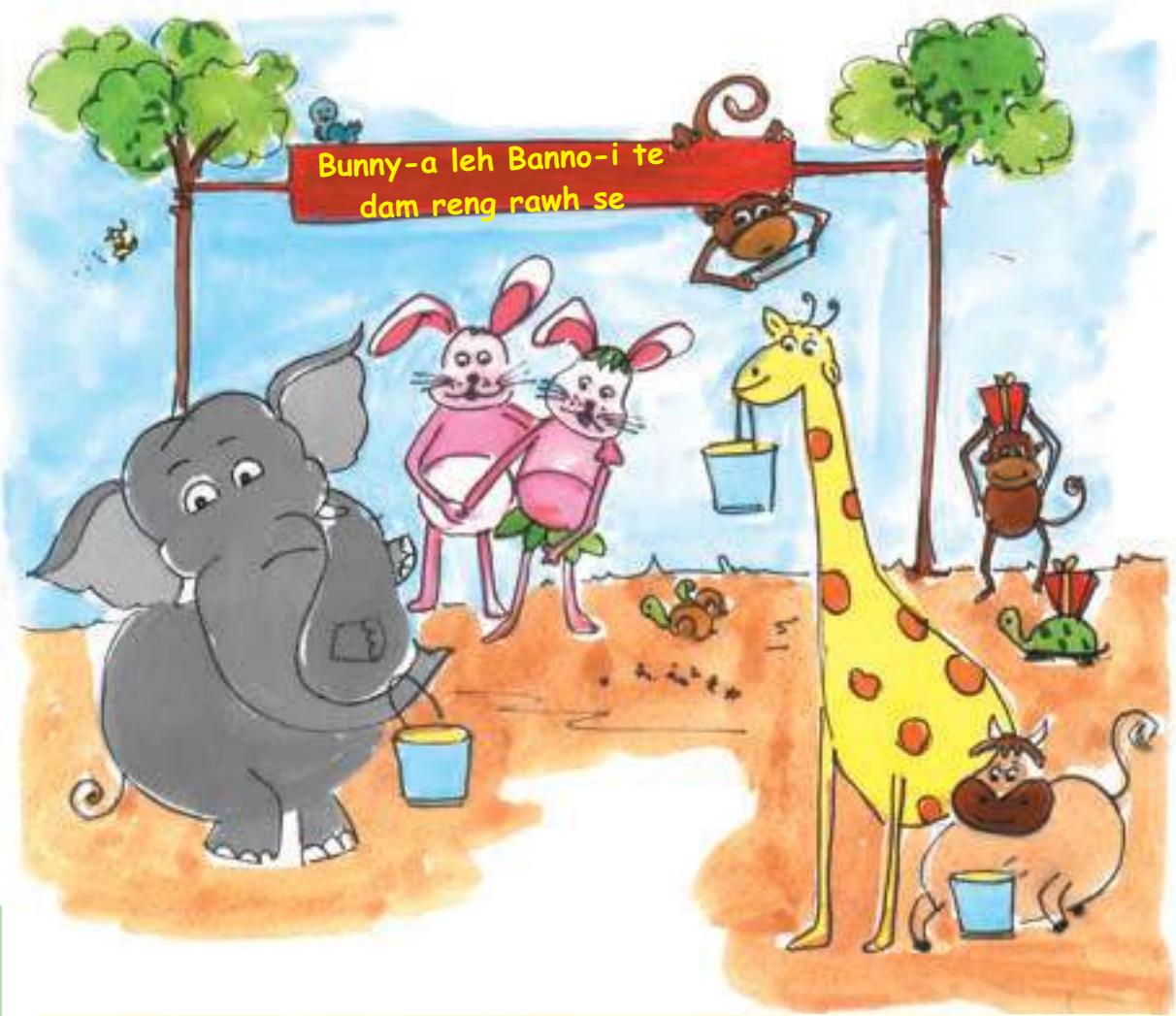
**Bunny-a leh Banno-i ten an inneih champha an lâwm**

Nikum lamah Bunny-a chhûngten mo an neih thu kha i la hria em? (Math - Magic III-a phêk 151 kha en let rawh) Bunny-a leh Banno-i ten an inneih kum khat tlin lawm nân party an buatsaih a.




An ṭhiante chu an sawm a. Thei tui tui tak an siam a.

Nungcha zawng zawngte chu an lo pung khâwm a, a ṭhen an lo tlan a, a ṭhen an lo zuang phei a, rawn bawkvâk phei te pawh an awm a.




Sai chuan litre 50 zeta tam thei tui chu a in mek a.

Giraffe chuan litre _____ a in a.

Bawng chuan litre _____ a in a.

Thehlei a lo kal ve a, a ni chuan, "Theitui litre khat chu ka in seng lo vang, millilitre 500 chauh min lo pe teh u," a ti a.

Sabengtung chuan, "Millilitre 500 maw? Chu chu litre khat aiin a tam a ni lâwm ni?" tiin a zâwt a.

Sihal chuan, "Khaih, khaih! Sabengtung i nihna pho lang mah ta che, litre 1 chu millilitre 1000 a ni a, chuvangin millilitre 500 chu litre chanve tihna a ni mai alâwm," a ti a.

Chungû chu a ṭhian pakuate nên an lo zuang phei lauh lauh a. Ani chuan, "Millilitre 100 ṭheuh chauh kan duh ang," a rawn ti ve leh a.



"Aw le ... hei le in thei tui chu," tih pahin zawhte chuan thei tui chu a sem zêl a. No sâwm la in no tinah chuan thei tui millilitre 100 chu a thli lût zêl a.




Sabengtung chuan rilru buai zet mai chung hian, "Millilitre 100 ṭheuh no sâwma awm chu eng zât nge ni ta?" tiin a lo zâwt a. Sihal chuan mi dangte aia a finzia lantir theih hun a nei leh ta tih hriain intithei tak mai hian, "Awlsam lutuk! millilitre 100 vawi sawm chu millilitre _____ a ni a, chu chu litre _____ a ni," a ti a.

Tunah han ziak ve teh le $10 \times 100\ \text{mL} =$ _____

"En teh u! Fanghmirho pawh an kal phei mêk saw!" tiin khau a rawn au chhuak a.

Zawhte chuan nuam lo ti tak chungin, "Thei tui chu a zo vek tawh, engtin nge kan tih tâk ang?" a ti a.



"Lungngai mah ta che, fanghmir pakhat tân millilitre khat bâk a ngai nang. Ka thei tui in lai hi ka lo sem mai dâwn nia," tiin sai chuan zawhte chu hnemin, a beng hlai pui chuan zawhtê mittui chu a hrûksak a.

"In zavaiin eng zât nge in nih?" tiin sai chuan a zawt a.

Fanghmirte chuan, "Sângkhat chauh kan ni e," tiin an lo chhâng a.

Zawhtê chuan, "Sângkhat! Fanghmir sângkhat tân thei tui pêk a ngai!" a ti a. A ngaihtuah chian hnuah sai chuan - "A pawi love, kan siam rem thei ang," a ti ta a.

Fanghmir pakhatin millilitre 1 thei tui a in chuan.

Fanghmir 1000 chuan - 1000 × 1mL = mL _____ an in ang. "Ah! Chungû sâwmin an in zât kha kan mamawh a nih chu," tiin sabengtung chuan a rawn sawi a. Fanghmirte chuan thei tui chu an in ta ṭeuh a. Tichuan, an vai chuan hlim taka zai leh lamin inneih champhaphak chu an lâwm ta a.



**Tu nge thei tui litre 1 in thei?**

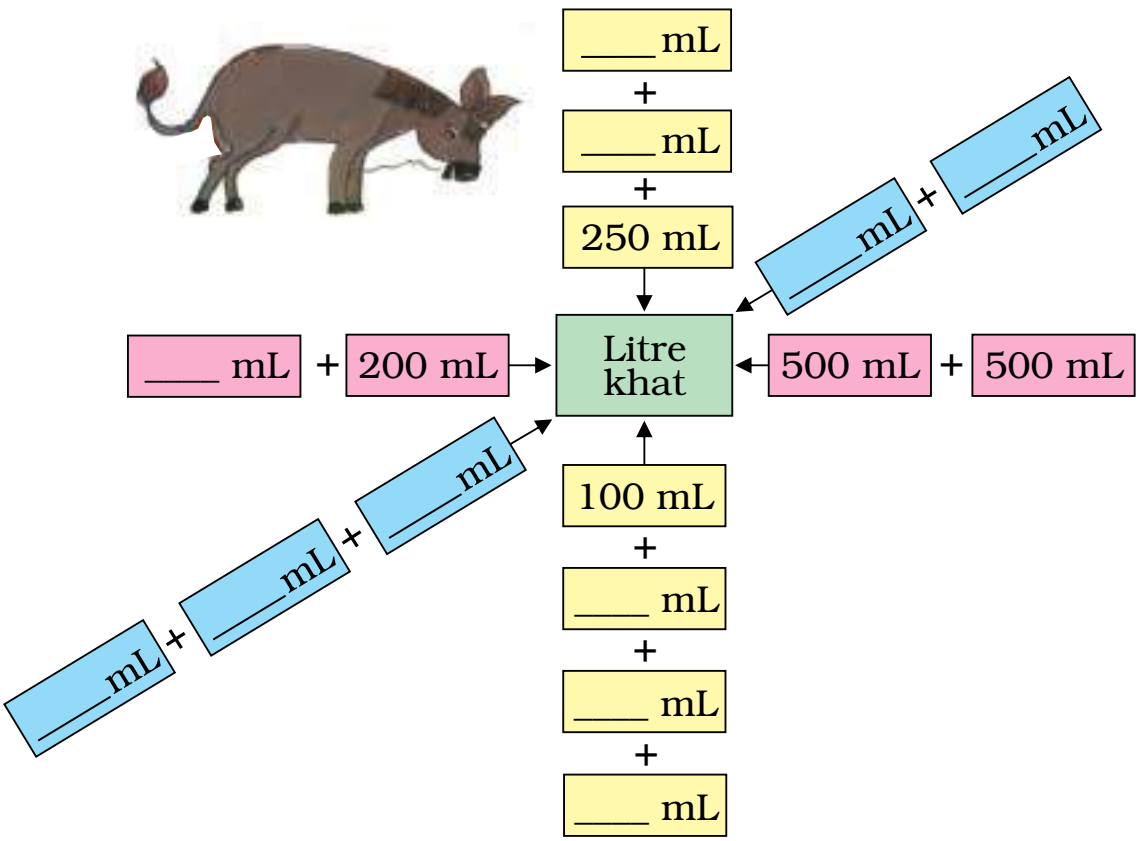
Thei tui hi tui i ti em? In inah eng thei tui nge in in ṭhin?

Eng zât chiah nge thei tui i in theih?

Vawi khatah litre 1 i in thei em?




Sabengtung chuan kawng hrang hranga litre 1 belh chhuah dan a zawng mêk a, han pui teh le.



## Hawi vel teh

Thil lemte hi en teh. Hetianga packet emaw bottle emaw awm ṭhin thil dang ngaihtuah la, ziak chhuak ang che.







| *Packet* | *mL emaw L emaw zât?* |
|---|---|
| Bawnghnute | 500 mL |
| | |
| | |
| | |
| | |







## Litre 1 dawng bottle (tuithawl)

Litre khat dawng bottle i hmu tawh ngai em?



Litre khat dawng bottle leh a aia dawng tlêm bottle-te la khâwm ang che. Litre khat bottle tihkhah nân bottle-tê aṭangte chuan vawi eng zât ṭheuh nge i chhûn ang tih ring chhin rawh.

I rin dik leh dik loh fiah la, table hi dah khat ang che.

| *Bottle* | *Ka rin dan* | *Ka teh hnu ah* |
|---|---|---|
| Bottle 1 | | |
| Bottle 2 | | |
| Bottle 3 | | |
| | | |
| | | |

Adithyan-a thusawi hi en teh?




Bottle tê a tui leng zât chu? _____

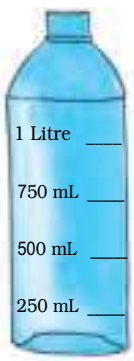



Leela-i bottle a tui leng zât chu? _____

**Ramu-a tehna bottle**

Ramu-a chuan coconut hriak bûr ruak 250 mL dawng a chhar a. A lem hi en la, bottle lian a dawn hlawk zâwng tehna a siam dan hi sawi ho rawh u.





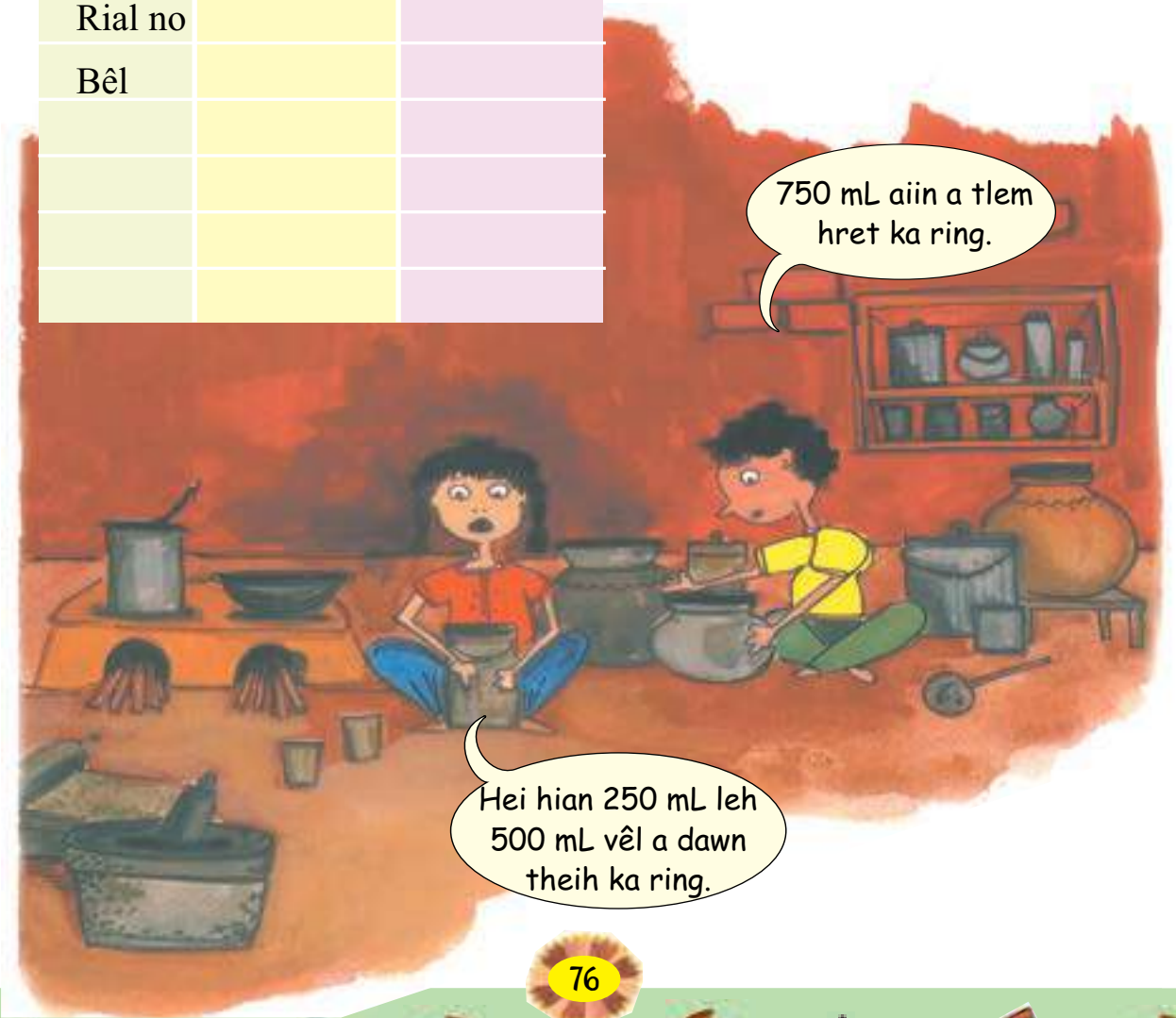
## Ka tehna bottle

Mahniin bottle 200 mL, 400 mL, 600 mL, 800 mL leh 1 litre teh theihna siam dan zawng rawh. I ṭhiante leh in zirtirtute nên i siam chhuah dân in sawi ho dawn nia.

***Ring la finfiah rawh.***

In ina thil awm - bucket, no, bêl leh a dangte kha han thlir vang vang la, tui an dawn theih zât âwm han ring chhin teh le. I tehna bottle hmang khân i rin dik leh dik loh i finfiah dâwn nia.

| | *Ka rin* | *Ka teh hnuah* |
|---|---|---|
| Nopui | | |
| Rial no | | |
| Bêl | | |
| | | |
| | | |
| | | |
| | | |



## Damdawi inah Neetu-i

Neetu-i chuan ni khata vawi thum zel injection lain ni 5 chhûng a lâk a ngai a.

Ni khatah damdawi eng zât nge a mamawh?

Ni nga chhûnga a damdawi mamawh zât chu?




***Ṭum khatah eng zat nge kan hman?***

- Mit thlawr — Ṭumkhatah 1 mL aia tlêm kan hmang.
- _____ — _____
- _____ — _____
- _____ — _____

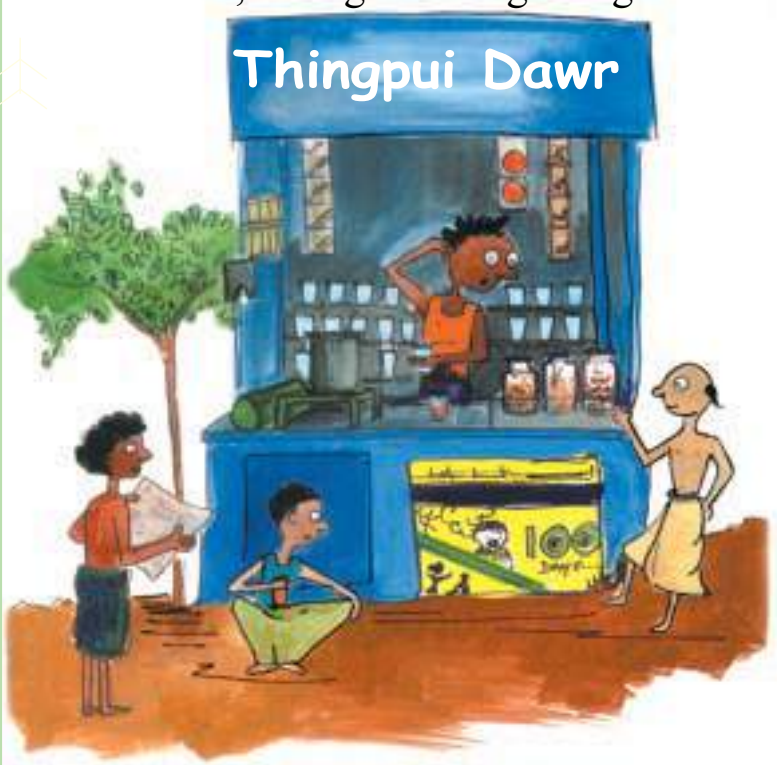
**Tum khatah litre 1 aia tam kan hmante ziak chhuak rawh.**

- Inbualna atân tui.
- _____
- _____
- _____

**Tihchhin hun**

1. Amina-i tuithâwl dawn hlâwk zâwng chu 1 litre a ni a. Tuithâwl aṭang chuan tui 250 mL a in hnuah a ṭhianpa Govind-an 150 mL a in ve leh a. Tuithâwlah chuan tui eng zât nge la bâng?

2. Yusuf-a chuan thingpui dâwr a hawng a. Thingpui no khat siam nân bawnghnute 20 mL a mamawh ṭhin. Niminah thingpui no 100 a siam a, bawnghnute eng zât nge a hman?






3. Radha-i pi damlo tan doctor-in damdawi bur 200 mL dawng a pe a, chu chu ni sawm chhung tûk tin a in tur tâwk a ni.

Tûk tin Radha-i pi damdawi in zât chu millilitre eng zât nge? _____



## Tui — Tui

A hnuaia table-ah hian Goodallur khuaa chêng mi 5 awmna chhûngkua in ni tin tui an hman zât târ lan a ni.

| *Thil tih* | *Tui litre-a tehin (L)* |
|---|---|
| Rawngbâwl leh in atân | 30 L |
| Insûk nân | 40 L |
| Bêl sil nân | 20 L |
| Inbual nân | 75 L |



An tui hman zawng zawng chu _____

In chhûngkuain ni khatah tui litre eng zât nge in hman ṭhin? Ring la, table hi dah khat ang che.

| *Thiltih* | *Tui hman (bucket zât)* | *Tui hman (litre-in)* |
|---|---|---|
| Rawngbâwl leh in atân | | |
| Insûk nân | | |
| Bêl sil nân | | |
| | | |
| | | |
| | | |
| | | |

## Tui mal far tê têin tuipui lian a siam

In sikulah emaw in inah emaw tui herhhawna pût a awm em?

Tui hi a herhhawna aṭanga a put hian eng zât nge pût rala i rin?

Tui pûtna hnuaiah khân bottle han dawh la, dâr zât chhinchhiah rawh. Darkâr khat hnuah bottle-a tui tling zât chu en ang che.

Ni khata tui luangral zât zawng chhuak ang che. _____

Kar khata luang ral zât _____

Thla khata luang ral zât _____

Kum khata luang ral zât _____



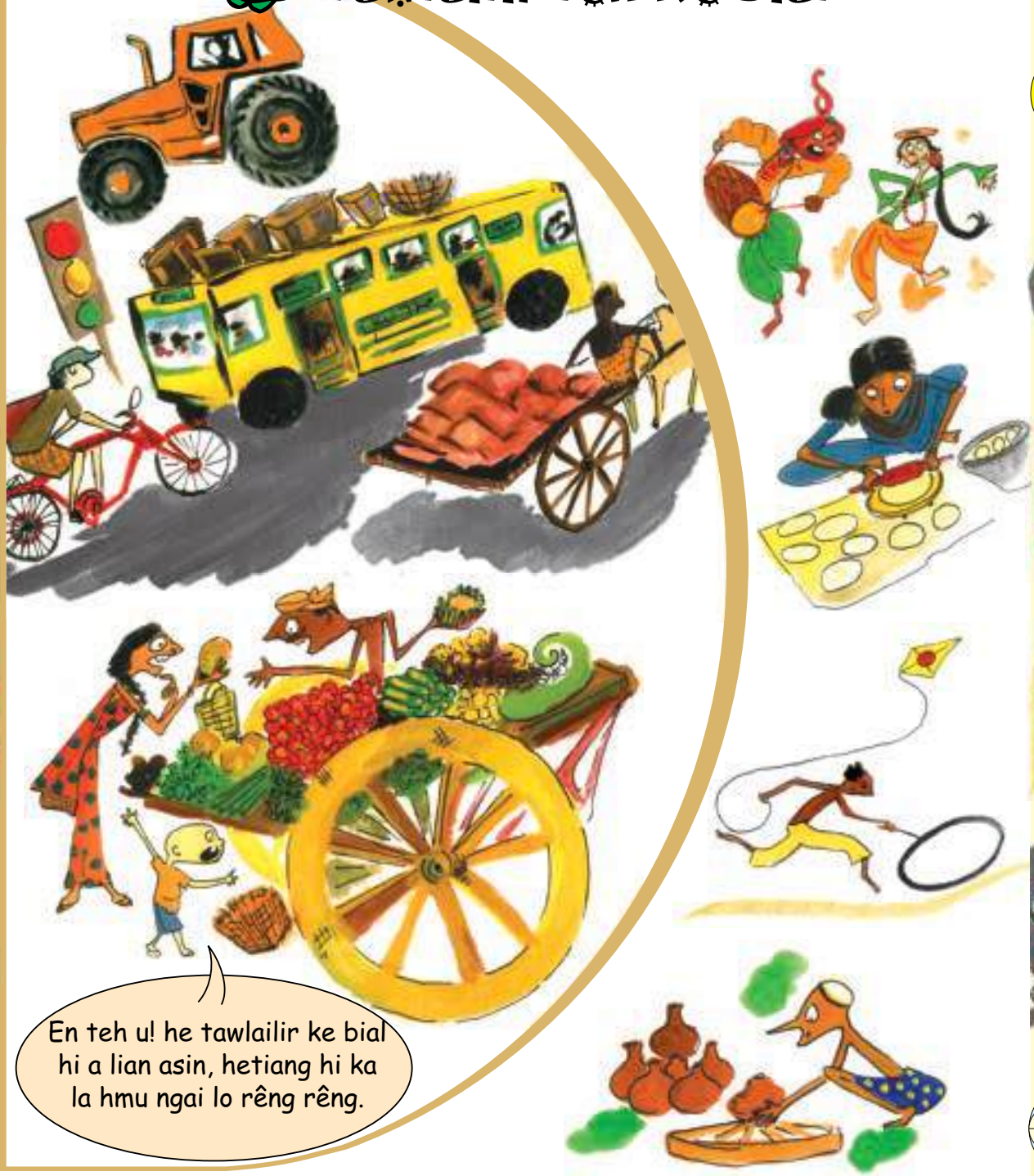
## Thluak Sukna




Chelannur khuaah milk society a awm a, chutah chuan bawnghnute litre 4 lei turin Geetha-i leh Ammini-i te an va kal a. Bawnghnute lo sem chhuaktu chuan litre 1 tehna tur a nei lo va. Litre 3 leh litre 5 dawng bûr chiah a kawl a. Chuti chung chuan bawnghnute litre 4 chiah chu a lo pe thei ta tho va.

Engtin nge a pêk theih dân sawi fiah rawh.

# 8 Tawlailir leh Ke Bial

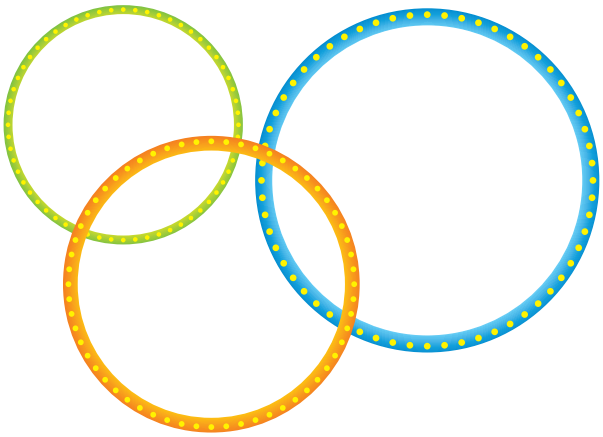



In chheh vêlah thil bial dangte pawh in hmu tawh ngei ang a, chûngte chu han ziak chhuak ve teh u.

## Ngûn Bial

Ngun zawrhna dawrah in kal tawh ngai em?



❊ Heng ngunte zingah hian i bun tâwk han ring teh.

❊ Thirzai la la, i ngûn tur han siam ve teh le. In zirtirtuin a bun tâwk ve ang em? _____

❊ Ngûn hi circle zûl chhuah nan a hman theih a. Circle zûl chhuah nâna hman theih thil dang i hmuhte han sawi ve teh?

_____ _____ _____ _____

_____ _____ _____ _____

❊ Hêng hmangte hian i lehkhapuanah emaw chhuatah emaw circle zûl chhuak ang che.

Eng hian nge circle tê ber siam?

Eng hian nge circle lian ber siam?

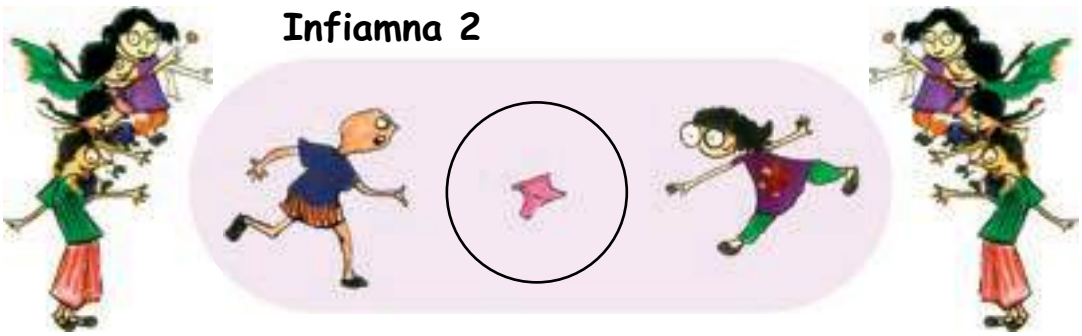
**Circle hmanga infiamna**

Naupangte chu an infiam a .....



Infiamna 1

Infiamna 2



Hetiang hian in infiam ve ngai em?
Hetianga infiam pah hian eng hla nge in sak ṭhin?
In sikulah pawh hetiang hian infiam ve ta che u.

Eng vângin nge hetianga kan infiam hian circle kan siam kher?
Rectangle siam ni ta zawk se engtin nge a awm ang? Sawi ho ila.



❊ Circle hman telna infiamna dang han ngaihtuah teh u.

## Circle siam dan

Nemi, Chhingpuia leh Arini-te chu an infiam dâwn a. Tual zawlah chuan circle lian pui siam an duh a. Mahse an duh ang tiat zûl chhuah maina tur a awm si lo. Chuvang chuan Arini chuan hmawlhte hmangin circle rin a tum a.





Chhingpuia leh Nemi - Circle a ang lo lutuk tlat.

Arini - Chuti a nih leh han rin ve chhin ula.

Chhingpuia leh Nemi pawh chuan tuallaiah chuan circle an han rin ve chhin a.

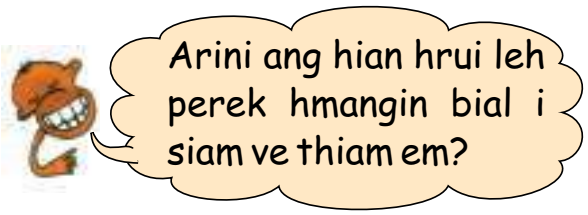


- Hêngte hi circle dik tak an ni em? Sawi ho teh u.
- Chalk hmangin chhuatah circle i siam thei em? Han tum chhin teh.
- Pencil hmangin i lehkhapuanah circle han siam ve teh.
- I ṭhiante circle siam nen han entawn vel teh. Tu nge circle ziak thiam ber che u?

He thiltih hian a tum ber chu naupangten an kut lawngin circle an ziah thiam theihna tura remchang siam a ni ber a. Hmawlhte hmang pawhin leiah circle hi an ziak thei bawk a. Circle pianzia an hriat chian lehzual theih nân lemziak hrang hrangte an khaikhin thei bawk a ni.

## Hrui hmanga circle siam

Arini chuan perek leh hrui hmangin leiah circle siam a tum a. Hrui sin tê a la a, a hmawr ve veah chuan perek a ṭawn bet a. A ṭhian pakhat nen bial chu an siam ta a. A lem hi en la engtin nge bial an siam hi han en teh le.



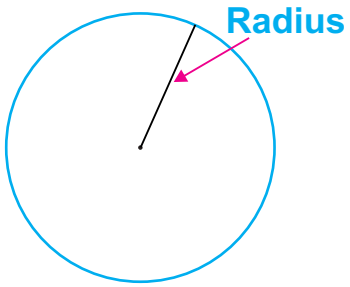



- Pawlah inṭhen ula, han ti ve chhin teh u. Hrui sei zâwng inchen lo vek kha hmang bawk ula. Pawl tinte circle siam kha han en teh u.
- Tute circle siam nge zîm ber? _____

  An hrui hman sei zâwng eng chen nge? _____
- Hrui a sei poh leh bial a insiam lian em? _____

  A chhan i sawi thei em?

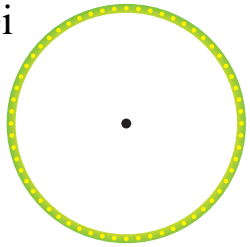



- Circle zîm ber radius chu eng chen nge? _____

He thiltih hian naupangte chu circle hrang hrang siam a thiamtir bakah, an radius sei zâwng teh te leh radius a danglam anga circle len zâwng pawh a danglam dân a zirtir a ni.

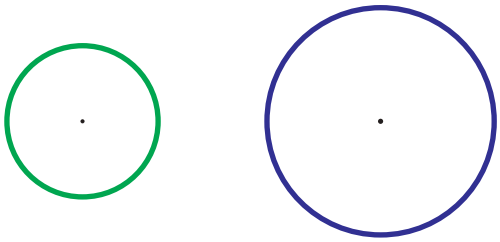
❊ Ruler hmangin he ngûn radius hi han rîn la, a radius sei zâwng chu teh bawk ang che.



I ṭhiante ziah pawh en ve bawk la, an radius teh chhuah te zâwt la, in teh chhuah a inang hlawm em?

❊ Hêng circle radius te hi han rin teh.

Eng circle hian nge radius nei sei zawk ang, han ring chhin teh.___



Circle pahnihte radius hi ruler hmangin teh ang che.

An radius sei zâwng ziak thla bawk ang che.

❊ Circle hring radius chu _____

❊ Circle pawl radius chu _____

***Zawng chhuak rawh***

❊ Thirsakawr ke emaw tawlailir ke emaw radius teh ang che. A teh nân hrui emaw measuring tape emaw i hmang dawn nia.

Thirsakawr ke emaw tawlailir ke emaw te chu an vaiin an radius a inchen vek em? _____

❊ Road roller emaw tractor emaw i hmu tawh em?

❊ Eng ke bial nge i hmuh tawhah la lian ber?

❊ Road roller emaw tractor emaw kete chu an radius a inang vek em?

Circle chi hrang hrang siama, an radius te teh bawk tur chuan naupangte hian tih tur chi hrang hrang tih chakawm deuh deuh tihpui an ngai a. Tawilailir leh a kete pawh a siamtir theih bawk a ni.

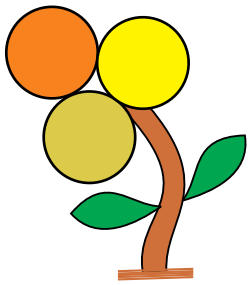
❊ Seni leh Duma-te chu hruiin banah thlun an ni a. Duma thlunna hrui chu a sei zawk a. Tu in nge hnim pehna hmun nei zau zâwk ang?

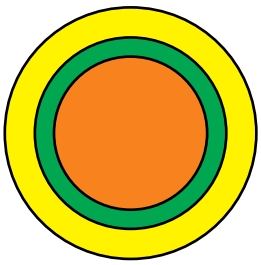
_____

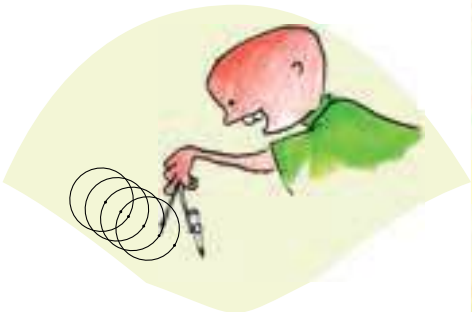



**Dara thil duan chhuah**

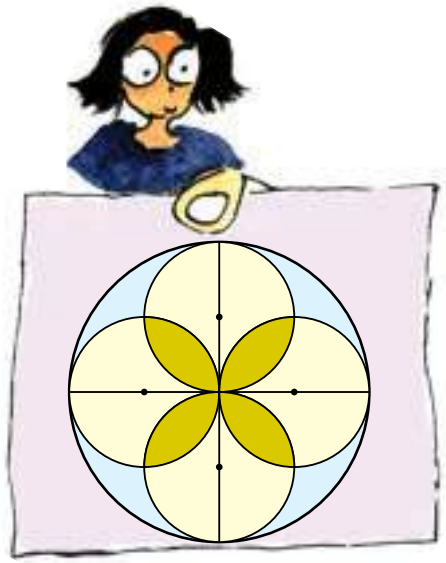
Dara chuan compass hmangin hêng lemte hi a duang chhuak a.







A farnu a lo kal a, milem dang a rawn duan belhpui a.



Chutiang milem chu i duang chhin ve duh em?

Chutiang duang tur chuan compass i hman a ngai ang.





## Compass hmanna

❊ Compass hi i hmu tawh ngai em?Engtin nge circle siam nan i hman ang?

- I compass chu kuai kau rawh le.
- Compass chu a chhip lamah vuan la, a hmâwr zum lam chu lehkhapuanah chhun ang che.
- A hmâwr zum chu tiche lovin pencil zâwk chu tawlh kualtir ang che.
- Circle a lo chhuak em?

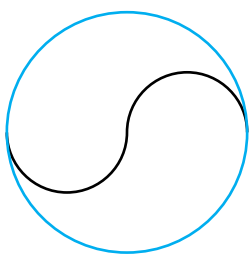
Compass hmâwr zumin a chhunna lai tak hmuh tum teh le.

Chumi a chhunna lai tak chu circle i siam lai tak (centre) a ni.

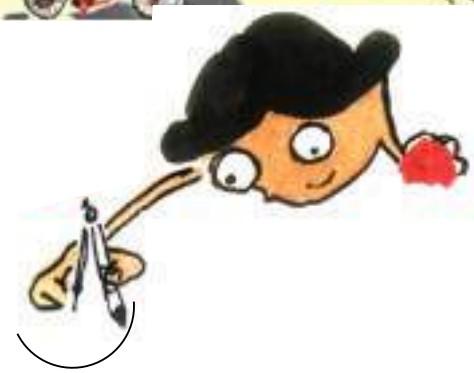
❊ Compass hmang lova a hmaa i siam ai khân tuna mi hi a bial ṭha zâwk em? He circle radius hi chhui la, teh bawk ang che.

❊ Dara ang bawk khan i duh zâwng lem i duang chhuak thei tawh ang. Eng zât chiah nge i siam?

Engtin nge hetiang milem hi an duan chhuah han ring chhin teh le. Bâwm chhûngah hian a anpui chiah compass hmangin siam ve rawh.

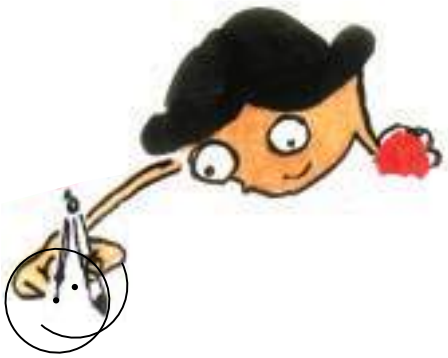


Naupangte chu compass hmanga an duh zâwng zâwng milem siam turin ti la. Chu chu compass hmanga circle lem siam thiamna kawnga puitu a ni bawk ang.



## Circle a ni em?

Nemi chuan circle a siam mek a.

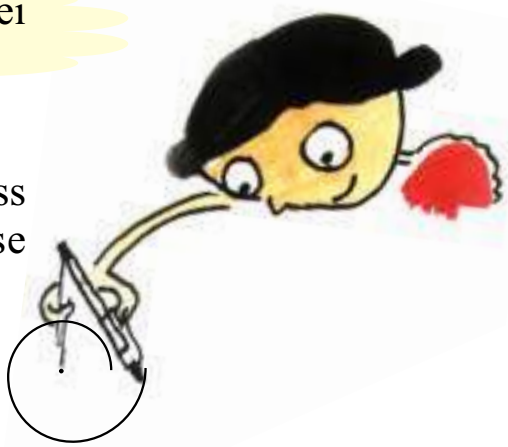


Rovin nawhreh a rawn dil a. A compass chu hûm reng chungin nawhreh chu a pe a. A circle siam lai chu a han chhunzawm leh a, mahse hetiang hian a chhuak ta daih a ni.

### *Han ring chhin teh*

❊ Eng vangin nge Nemi thil ziah hi hetia a lo awm? I sawi ho ang u.

Circle hian centre pakhat aia tam a nei thei em ni?



Ni khat dang leh chu Nemi chuan compass hmangin circle siam a tum a. Mahse hetiang hian a lo chhuak a.

❊ Nemi ang deuh hian hetiang lem hi in siam tawh ngai em?



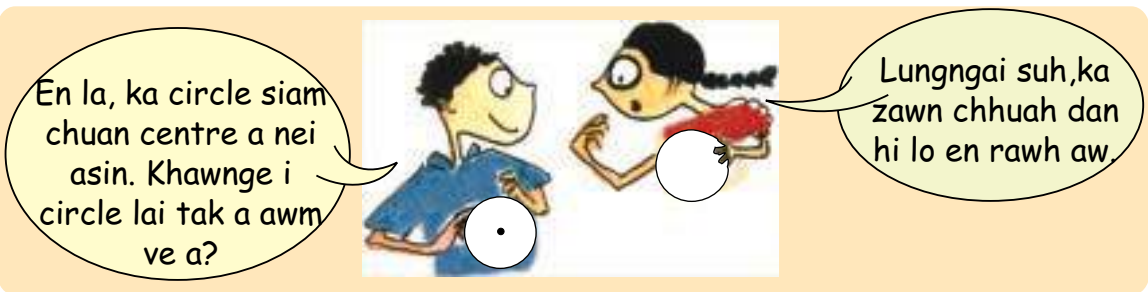
## A centre zawng rawh

Saia leh Sawmi-te chuan anmahniin circle siam an duh a.

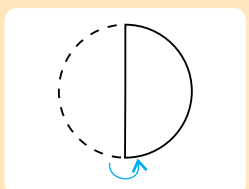




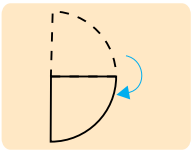

An circle siam chu an han chep thla a.



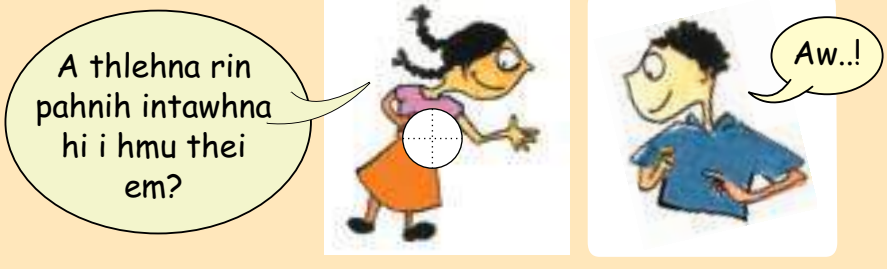

A circle chu a laiah a thlep a.

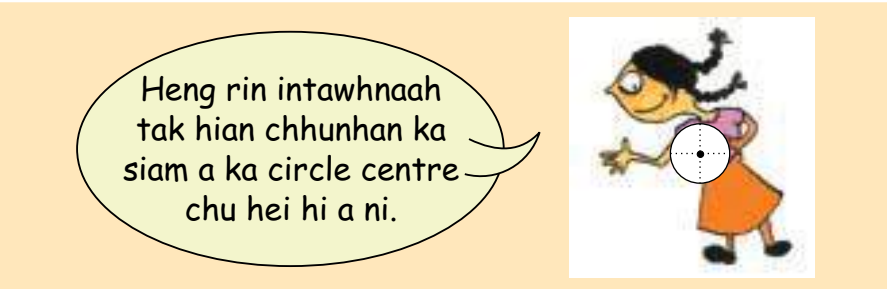


Hetiang hian a thlep leh a.



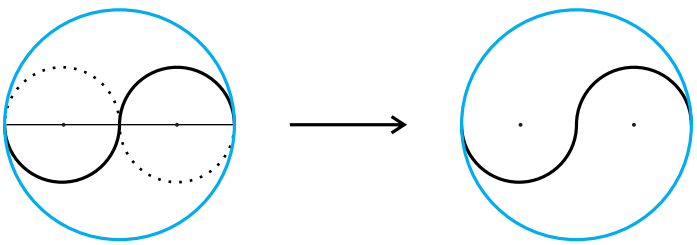
A circle inthlep chu a kai pharh a.



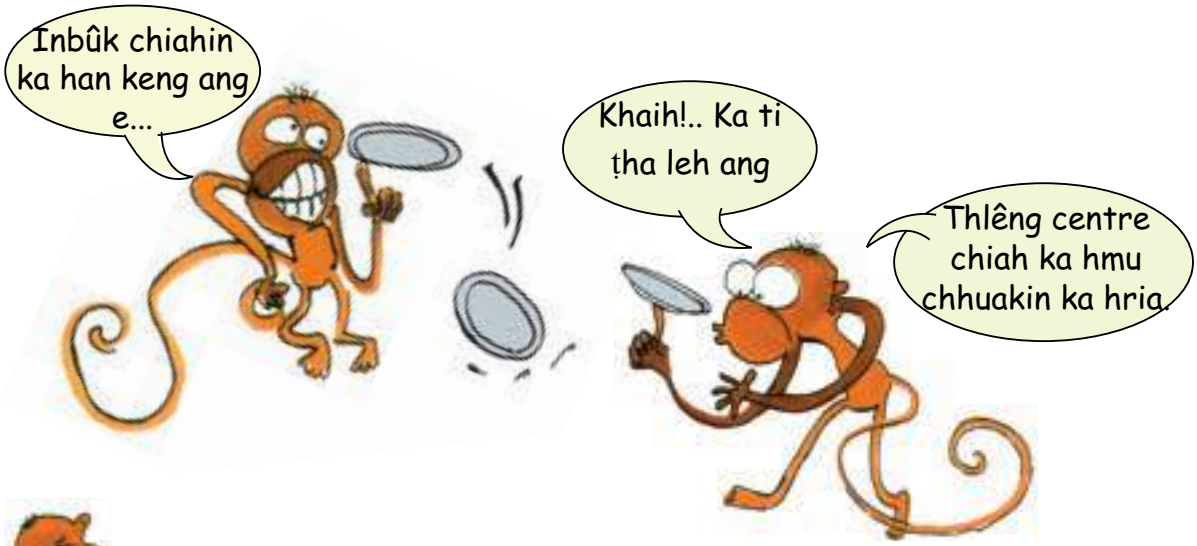

❊ Tunah chuan Sawmi tih ang hian ngûn hmangin lehkhapuanah circle chhui ula, a lai tak zawng chhuak bawk rawh u.

Phek 88-na a mi ang lem kha hetiang hian kan siam thei bawk asin. Engtin nge i tih ve?



## Bûk dan

I kut zungṭang pakhatin thleng i keng thiam em?




I kut zung hmâwrah thlêng emaw thil chhin bial emaw inbûk chiahin rem han tum ve teh. Khawi laiah tak khan nge a inbûk tawk chiaha a awm?

## Tuaivir tuai vir rawh le



Ruah a sur a. Pawnah an infiam theih loh avangin Zika, Puii, Nemi leh Duha-te chuan in chhûnga awm chu an ning ta hle mai a. Puia chuan tuaivir i siam ang u, a rawn ti chhuak thut a.

Lehkha khawng an la a, circle an siam a. Chep thlain an rek pawp a, nawhalh fung an thil a.




An vai chuan an tuaivirte chu tuai vir an châk êm êm tawh a. Hetiang hian an tuaivirte chu a awm a.




***Han ring chhin teh***

- Tu tuaivir nge vir thei lo hulhual ang? _____
- Tu tuaivir nge vir chê che ang? _____
- Tu tuaivir nge vir ṭha ber ang? _____
- Hmawlhtêina centre a hnaih berna tuaivir hi tu ta nge? _____

## I tuaivir tur siam ve rawh le

I tuaivir tur siam ve la, hetiang hian infiam ta che.

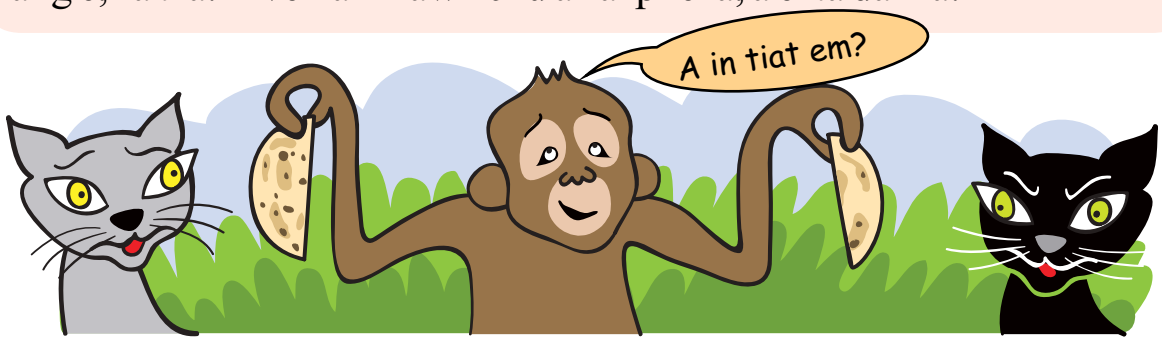
- Tuaivir chu vir ṭha turin khawi laiah nge i reh kuak ang?

# 9 Chanve leh Hmunli-a Then

Zawhte pahnih Mintu-a leh Mottu-a te chu ṭhian an ni a. Ṭum khat chu Malini-i choka aṭangin chhangpêr an ru a. Mintu-a chuan, "Keiman ka nei dawn," a ti a. Mottu-a chuan, "Aih, keimah zawkin," a ti ve thung a. Chutia an inhnial buai lai chuan zâwngte pakhat Tittu-a a lo kal a. "Chibai! Buaina a awm em ni? Enga ti nge in inhnial a?" a rawn ti a. Zawhtê te chuan, "He chhangpêr hi insem dân tur kan hre lo va," an ti a. Ani chuan, "Awle! Buaina tur a awm hlei nêm hetiang chhangpêr te chu a intiat chiaha in chan turin ka phelsak ang che u," a ti a. Tittu finga chuan an chhangpêr chu heti hian a phelsak ta a.



Mintu-a leh Mottu-a chuan, "A intiat lo tlat, a vei lam hi a lian zawk a nih hi," an ti a. Tittu-a chuan, "Aw, a ni maw, a intiatin ka han siam ang e," a ti a. A vei lam zawk chu a zai phel a, a ei ta daih a.



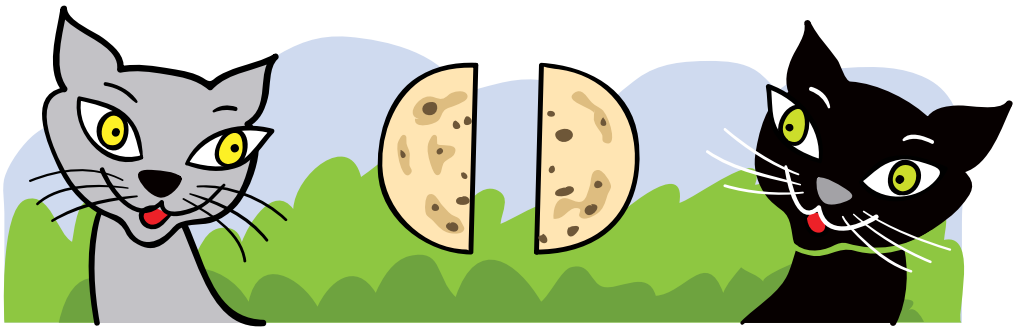

Zawhtête chuan, "Aw! Tunah chuan a ding lama mi hi a lian daih zawk," an ti leh a. Tittu-a chuan, "Ava pawi ve," tih pahin a lian zâwk chu a phel a, a phel chu a hmawm leh ta daih a. Chhang phel te reuhtê chauh a bâng tawh a. Hei hi chu ka buaipui man a ti a. Tittu-a chuan a bâng awm chhun chu a hmawm vat a, thing kûngah a lâwnsan ta daih a.

### A chanve - a chanve



✤ Zawhtê te khan an chhangpêr kha a intiat chiahin phelsak turin ti ta che sela engtin nge i tih ang?

Tittu anga i bum loh chuan zawhtê te khan hetiang hian an chang ang.



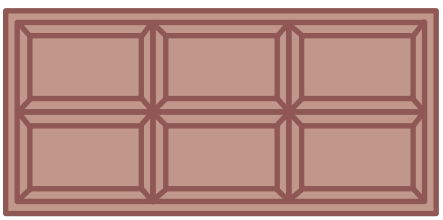
### A chanve chanve leh

✤ Zawhte dang pahnih lo kal belh leh ta se, chhangpêr pakhat chauh kha a intiat ṭheuha an pali a an chan theih turin engtin nge i phel ang?




### Phel hrang hrang chanve

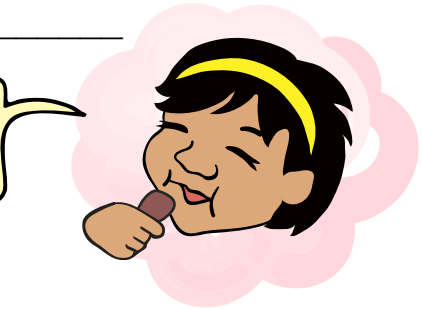
Remi chuan chocolate a nei a. A intiat chiahin a phel a, a chanve chu a ṭhiannu Rini a pe a.



✤ Rini chan zawng kualkhung rawh le.

Chocolate phel kha eng zât nge awm? _____

Remi khan phel eng zât nge a la chan? _____

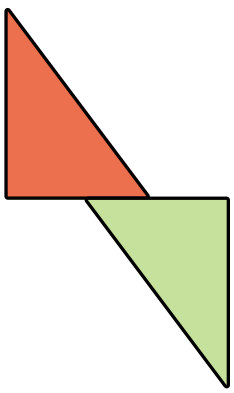



**Phek chanve aṭangin pianze hrang hrang**

Lehkhapuan pakhat la la, triangle pahnih intiat chiahah phel la, triangle-te chu lehkhapuan chanve ve ve an ni ang.

Triangle-te chu rawng inang lovin chei ang che.

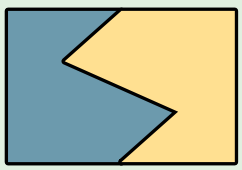
✤ Chung triangle te hmang chuan pianze hrang hrang lem siam ang che. Chutiang lem pakhat chu hetah hian tihlan a ni.



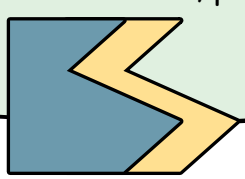
**A chanvea phel dân chi hrang hrang**



Rectangle pakhat chu hmun hnihah a intiat chiahin ka phel a. A phelte chu a chanve ve ve an ni. $\frac{1}{2}$ angin kan ziak ṭhin a.

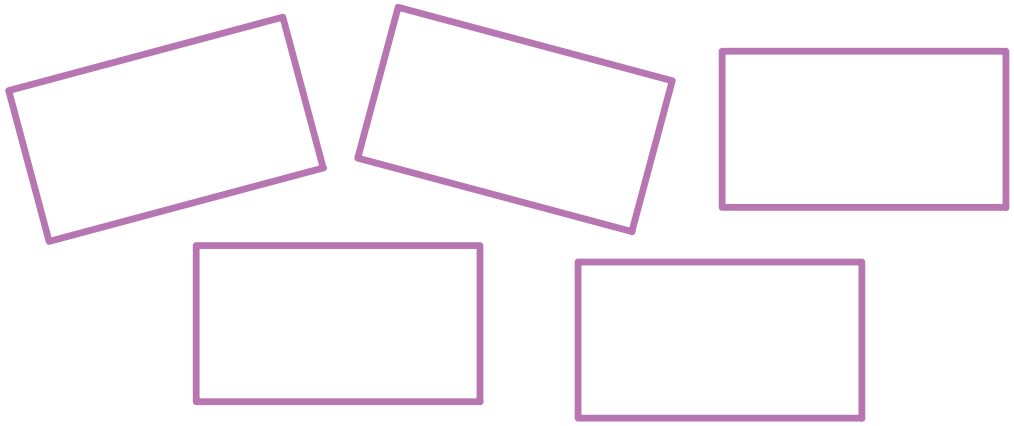


A awmzia chu hmun hniha ṭhena hmun khat tihna a ni. A intiat chiah em tih i fiah thei a, pakhat chungah hian a dang hi dah han tum chhin teh.



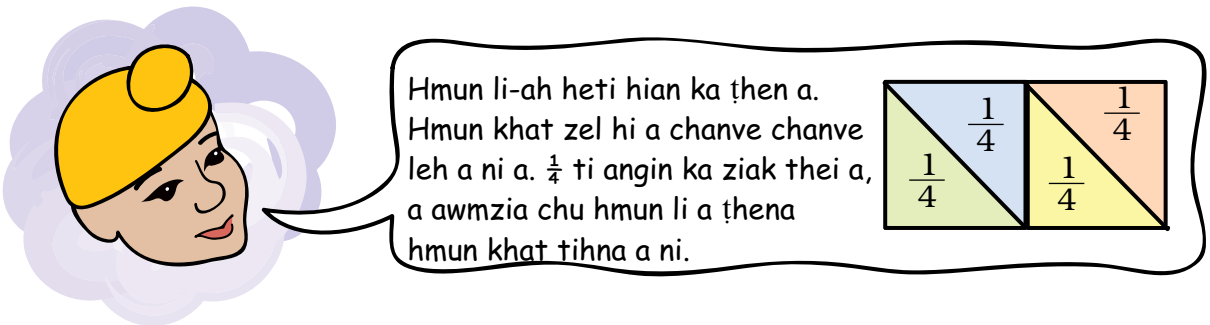
**Rectangle** hi kawng eng zâtin nge a chanveah i phel theih ang?

✤ Kawng hrang hrang chi ngain han ziak teh.

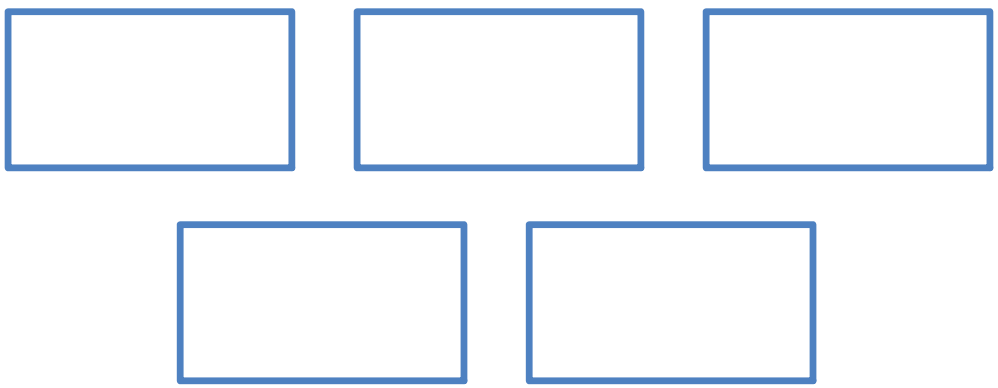


A intiat chiah tih i fiah thei em?

## Hmun li a phel dân chi hrang hrang



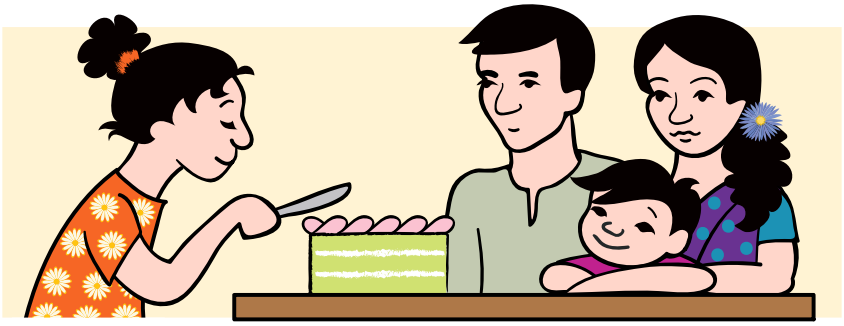

✤ Rectangle hi kawng eng zâtin nge hmun li intiat vekin i phel theih ang? Kawng hrang hrang chi ngain han ziak teh.

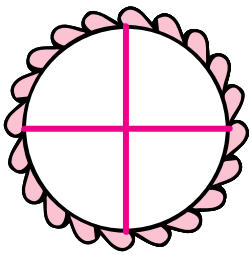


A intiat hlawm tih i fiah thei em?

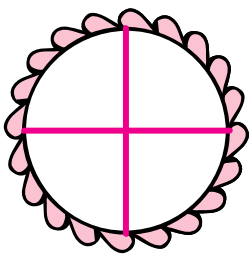
## Cake zai

Ruali chuan a pa cake rawn lei chu hmun liah a intiat chiahin a phel a — ama tân te, a nau Rina tân te, a pa tân leh a nu tân te.

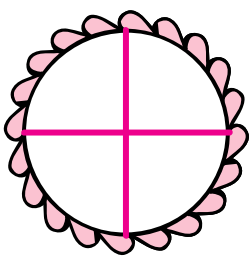




- Pakhat chan zêl hi rawng hrang ṭheuhvin chei ang che.
- Eng zât ṭheuh nge an chan? _____

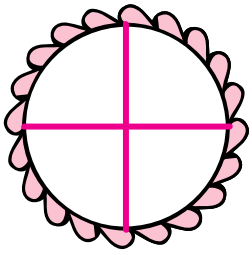


- A nu chuan a chanai chu Ruali a pe a. Ruali chan zawng chu rawngin han chei teh le.
- Ruali chuan hmun 4 a thena hmun _____ a chang ang, chu chu cake pum chanve a ni. Tichuan $\frac{\_\_\_}{4}$ emaw $\frac{1}{2}$ tiin a ziak thei ang.



A nuin a chanai a pêk hma chuan Ruali chuan cake 'pum chanve' a $\frac{1}{2}$ chiah a chang a, chu chu cake pum pui $\frac{1}{4}$ a ni.

- Rina chan zawng rawngin chei rawh le.



- Ruali leh Rina te cake chan zât belh khâwm hi eng zât nge ni ang? An chan zât chu rawngin han chei teh le.

  An chan zawng chu hmun 4 a ṭhena hmun 3 a ni a, tichuan $\frac{3}{4}$ tiin kan ziak thei a ni.

## Mi duhâm Kundu

Kundu-a chu pa duham tak mai a ni a. Bazara a kal te hian pawisa seng mang lo hian thil tam tak hi neih a tum thin a.

Ni khat chu mai chhang (chhang thlum) ei a duh ta a. Mai lian pui mai chu ₹ 10 a lei a tum a. Mai zuartu hmasa ber hnenah chuan mai lian pui man zat chu a zawt a.

Mai zuartu pakhatna — He mai $\frac{1}{4}$ hi ₹10 man a ni.

✤ Mai pum man chu ₹ _____ a ni.

Kundu-a — Ehe! ₹10 te chuan he mai $\frac{1}{2}$ hi min pe tur alawm. Mai zuartu pakhatna — I duh leh ka dawta zuartu hnênah sawn kal mai teh. Ani chuan mai lian $\frac{1}{2}$ chu ₹10 in a pe thei ang che. Kei chuan mai ṭha chi chauh alawm ka zawrh, a ti a.



Kundu-a chu a dawt a mai zuartu hnênah chuan a kal leh a, a hmaa mi ang tiat bawk mai chu a en vêl a.

Kundu-a — ₹ 10 in he mai hi eng tiat nge ka lei theih ang?

Mai zuartu pahnihna — Pum chanve.

✤ He mai pum man chu ₹ _____ a ni.

Kundu-a — Ehe! Eng vângin nge $\frac{3}{4}$ a min pek loh ang?

Mai zuartu pahnihna — Kal mai teh! Saw pa hnên aṭang sawn mai chu va lei mai rawh. Ani chuan thlai chhe deuh deuh a zuar ṭhin a. Hetiang tiat mai pawh hi ₹ lO-in a leitir phal mai ang che.

Mi duham Kundu-a chu a dawt leha mai zuartu hnênah chuan a kal a. A hmaa mi ang tiat bawk mai chu an en vêl a, heti hian a zâwt ta a — Hetianga lian hi ₹10-in min pe thei em?



Mai zuartu pathumna- Saw in chungah sawn engati nge i lawn mai loh? A thlawnin mai te chu a hrui aṭangin i lo thei reng alawm!

Kundu-a chu a hlim ta khawp mai a. Chu in chungah chuan a lâwn ta a le, tichuan .....

**Price list hman dân**

a) Tomato kg $\frac{1}{2}$ hi eng zât man nge?

b) Carrot kg $\frac{1}{4}$ nge to purûn sen kg $\frac{1}{2}$ ?

c) Alu kg $\frac{3}{4}$ hi eng zât nge an chhiar?

d) Keerthi-i chu thil lei turin a kal dawn a. ₹ 20 chiah a nei a. A thil lei tur ziahnaa mi zawng zawng hi a lei vek thei ang em?

e) Price list en hian zawhna pahnih han siam ve rawh le.

1.

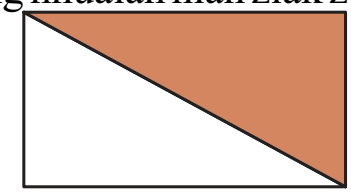
2.

| Thil | A man (kg ah) ₹ |
|---|---|
| Tomato | 8 |
| Alu | 12 |
| Purûn sen | 10 |
| Carrot | 16 |
| Mai | 4 |



## Thil tih hun

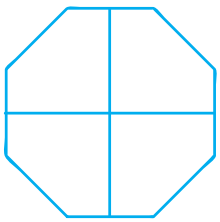
a) A pumpui aṭang hian eng zat hi nge chei a nih? Pianze hrang hrang hnuaiah hian ziak zel rawh.



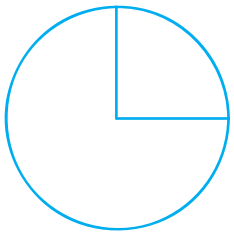


_____ _____

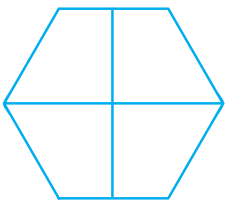
b) Pianze hnuaia inziak zât zel hi chei ang che.



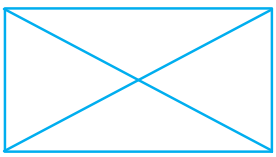
$\frac{1}{2}$



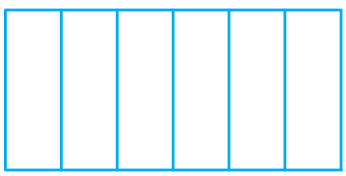
$\frac{3}{4}$



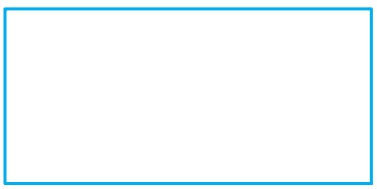
$\frac{3}{4}$



$\frac{1}{4}$



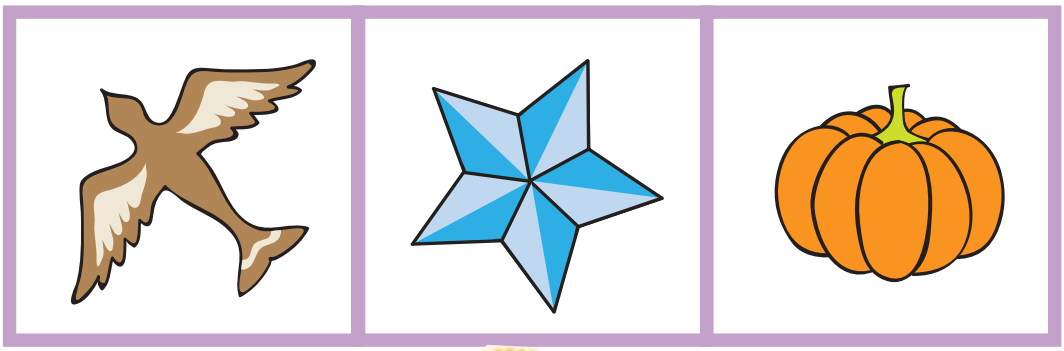
$\frac{1}{2}$



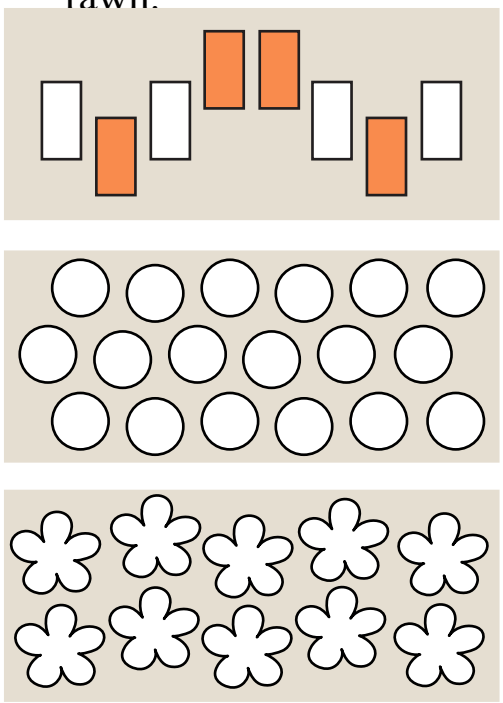
$\frac{3}{4}$

c) ***A chanvea phel***

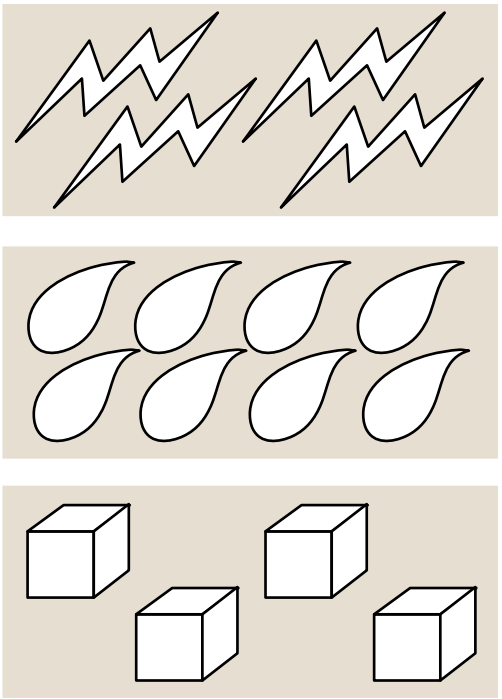
Hêng pianziate hi a lai taka phel turin rin rawh le.



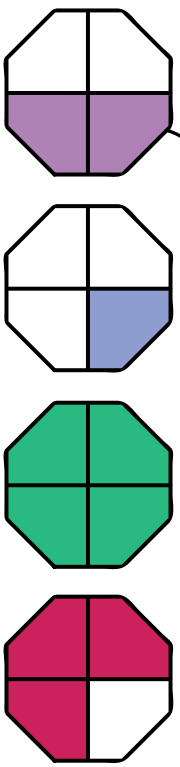
d) A hnuaia pianze hrang hrangte chanve zêl hi chei rawh.



e) Hêng pianzia $\frac{1}{4}$ te hi chei rawh.



f ) Heta entir ang hian rawnga cheite mil zel hi thai zawm rawh.



Hmun li-a ṭhena hmun khat

a chanve

Hmun li-a ṭhena hmun thum

A pum pui

$\frac{3}{4}$

$\frac{4}{4}$

$\frac{1}{2}$

$\frac{1}{4}$

g) ***A phel lehlam siam rawh***

Milem $\frac{1}{2}$ hi hetah hian ziah a ni a. A phel lehlam hi ziakin milem hi i siam pum thei ang em?



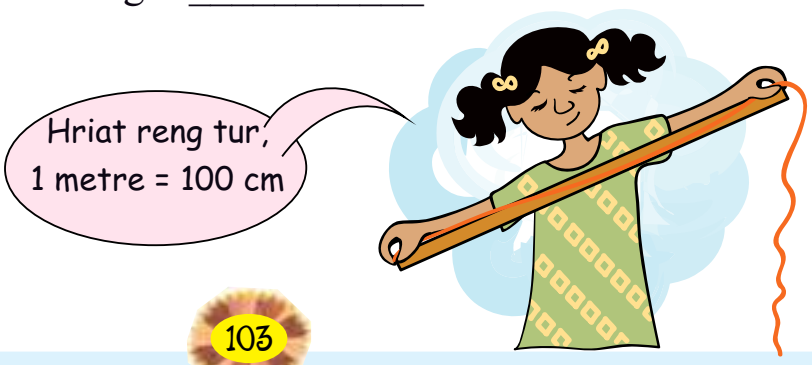
h) Hei hi a lem pum pui hmun li-a ṭhena hmun khat a ni a. I siam pum thiam em? Tipum turin hmun li-a ṭhena hmun eng zat nge i ziah belh ang?? _____



**Metre chanve leh hmun li-a ṭhen**

Metre tehna la la, hrui metre khata sei tan rawh.

- He hruiah hian a sei zawng metre $\frac{1}{2}$ te , metre $\frac{1}{4}$ te, metre $\frac{3}{4}$ te chhinchhiah rawh.
- I hrui hmang chuan metre $\frac{1}{2}$ a sei chhuatah rin rawh. I rin chu centimetre eng zata sei nge? _____



Tichuan

$\frac{1}{2}$ metre = ..... cm

$\frac{1}{4}$ metre = ..... cm

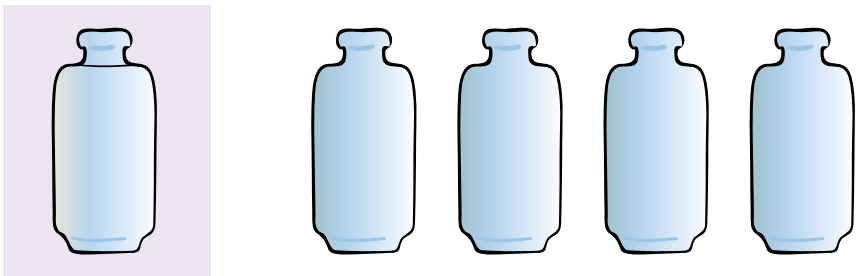
$\frac{3}{4}$ metre = ..... cm

$\frac{1}{2}$ leh $\frac{1}{4}$ kan belh chuan $\frac{3}{4}$ a chhuak tih i hmu thiam em?

**Bawnghnute inṭawm**

He bûr hi bawnghnutein a khat a, litre khat dawng bûr a ni. Bawnghnute chu bûr dang 4-ah chhûn ṭhen a ni a, bur tinah chuan bawnghnute litre $\frac{1}{4}$ thun a ni.

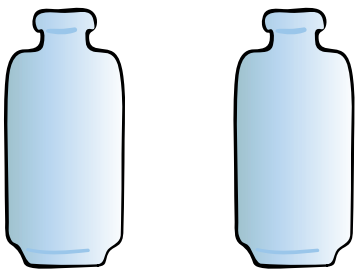
✤ Bûrte hi bawnghnute chim chin i hriat theih nân, a chim chin zel chei rawh.



Hriat reng tûr, 1 litre = 1000 millilitres

✤ Bur khatah bawnghnute millilitre eng zat nge awm? _____

Chhana chuan bawnghnute litre 1 chu bûr pahnihah a chhûng a, bûr hmasa zawkah $\frac{3}{4}$ chhûngin a dangah chuan $\frac{1}{4}$ a chhûng a.



✤ Bawnghnute chim chin zelah bûr te hi chei rawh.

✤ Bûr chhûnga bawnghnute awm zât hi millilitre eng zât ve ve nge?

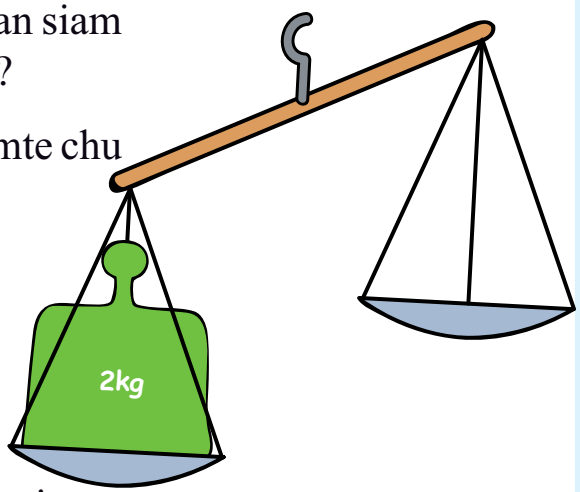
## Bûklunga teh



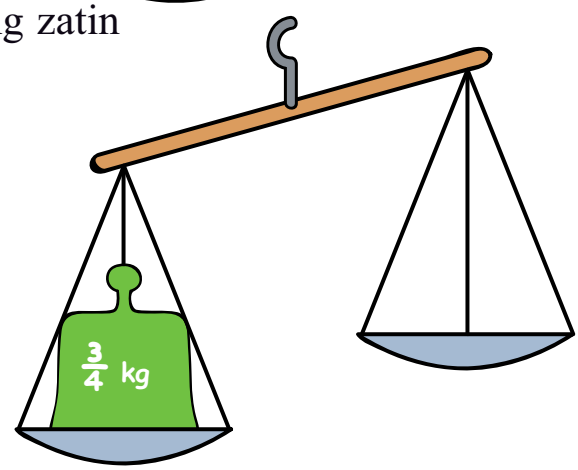

✤ A chunga bûklung hmang khian bûk thlêng pahnihte inbûk tâwk turin han siam teh. Kawng eng zâtin nge i tih theih?

a) Bûk thlêng ruakah hian bûklung lemte chu ziak ang che.

Hriat reng tur, 1kg =1000 g




b) He bûklung $\frac{3}{4}$ kg hi kawng eng zatin nge a buk tâwk i siam theih?



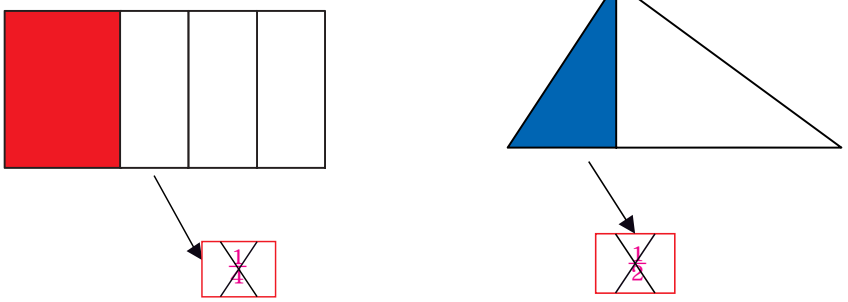

1) .....

2) .....

3) .....

## Eng vangin nge a dik loh?

Kâma chuan he laia lantir ang hian a bung ṭhenkhat hi a lo chei a. Mahse a ṭhian Mimi chuan a dik lo a lo tihsak a. Eng vânga dik lo nge a nih hrilhfiah rawh.




## Tihchhin hun

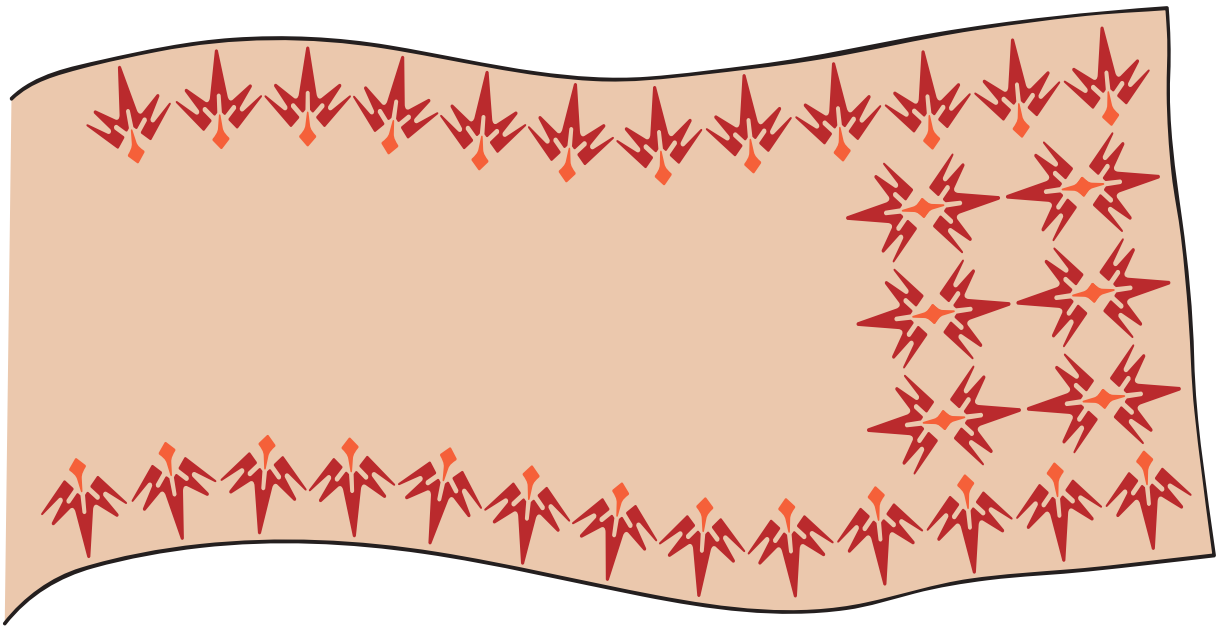
- Theihai pum 60 a awm a, $\frac{1}{2}$ te chu a hmin an ni a. Theihai pum eng zât nge hmin?
- Naupang 32 an awm a. $\frac{1}{2}$ chu hmeichhia an ni a. Mipa naupang eng zât nge awm?
- Arsi 20 a awm a. Hmun li-a ṭhena hmun khat chu a sen a ni. Arsi sen eng zât nge awm?Eng zat nge sen ve lo?
- Rova chuan pencil a duh a. ₹ 2 man a ni. A man atân chêng khat tlang pakhat leh chêng chanve pakhat leh chêng khat hmun li-a ṭhen hmun khat tlang khat a pe a. A daih em?



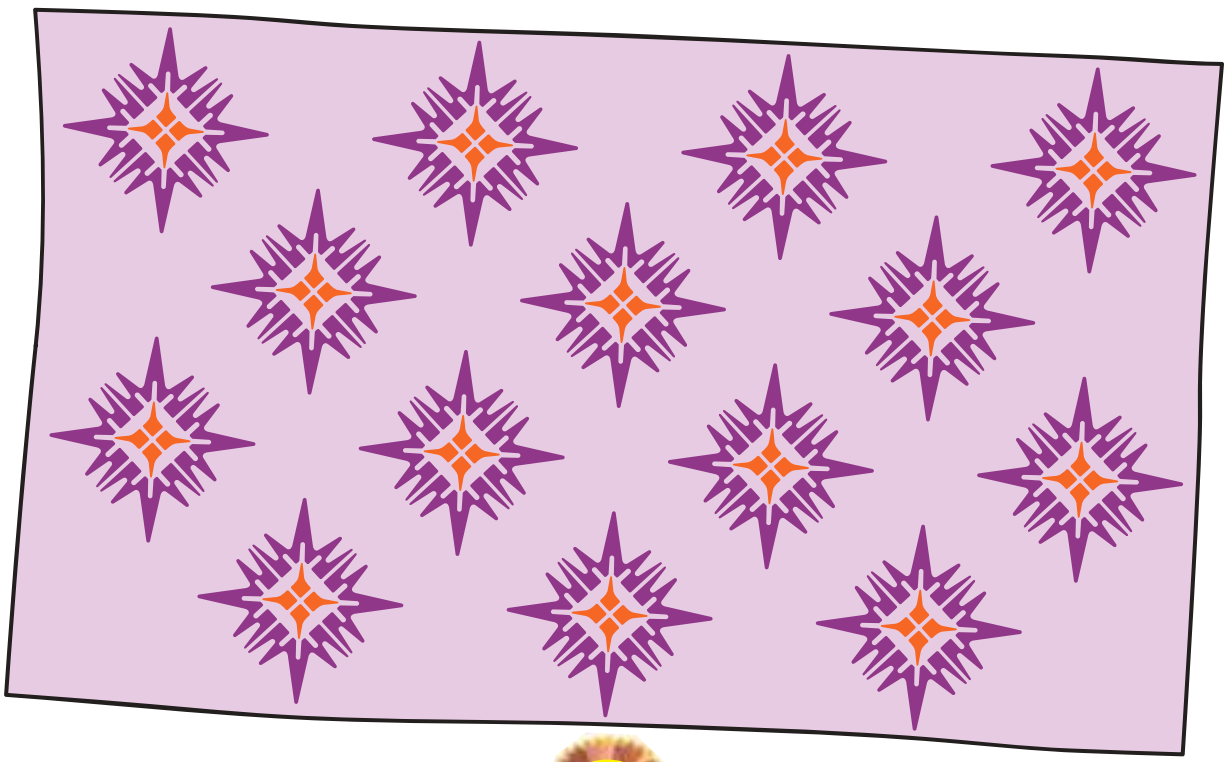


# 10 Ziarang Hmanga Infiam

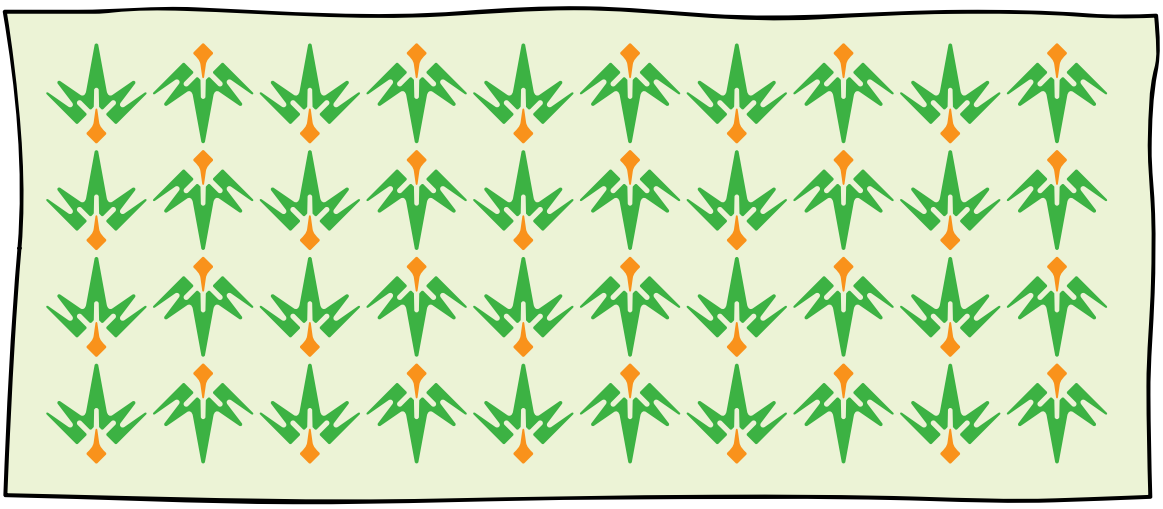
Tinu-i chuan sari siam nân hetiang nemkai hi a hmang a.



Chu nemkai hmang bawk chuan hetiang âwngphah hi a siam leh a.

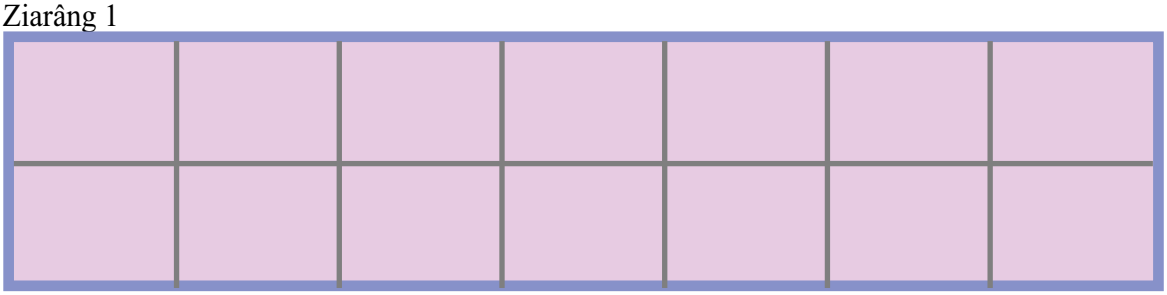


Puan bah (shawl) siam nân pawh he nemkai bawk hi a hmang leh a.

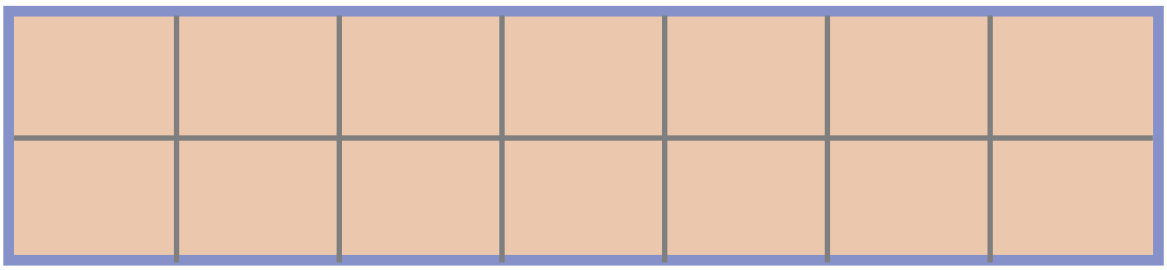


Tinu-an nemkai chi khat chauh hmanga ziarang hrang hrang a siam dan i hmu thiam em? Tunah, ziarang chi hrang hrang 3 hemi hmang hian han siam ve teh le.

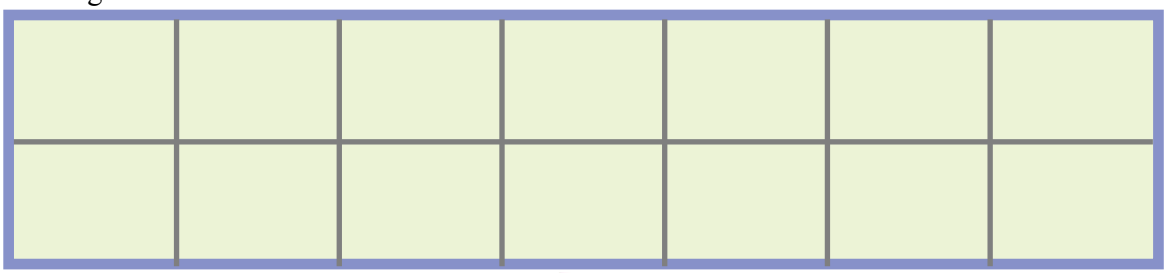
Ziarâng 1



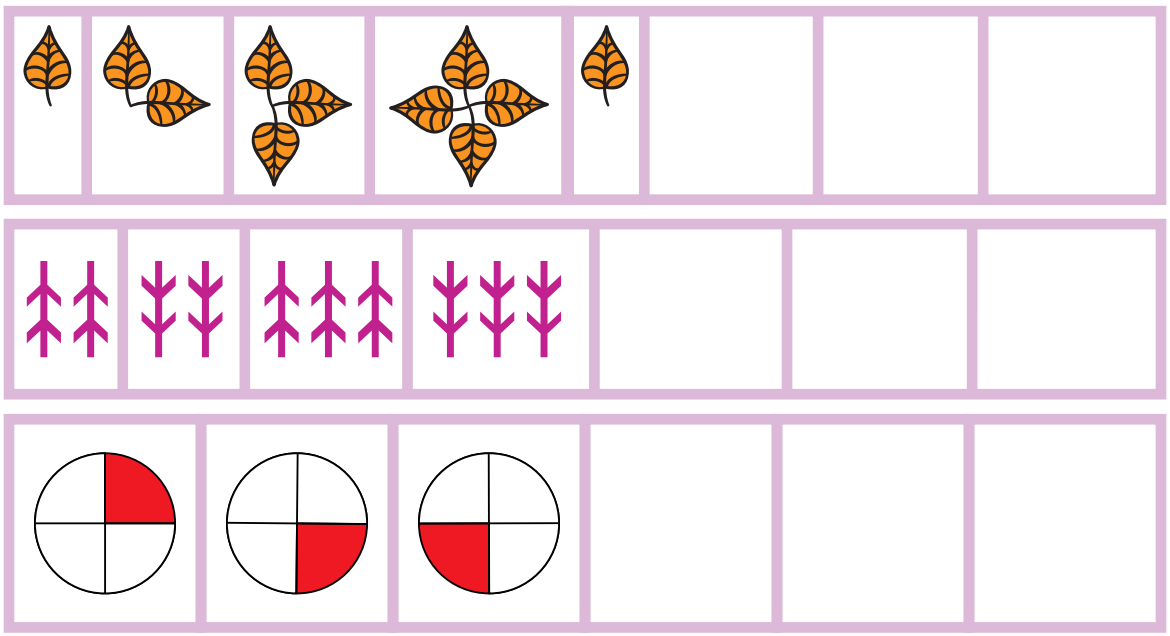
Ziarâng 2



Ziarâng 3



Zami chuan nemkai te hmangin ziarang thenkhat a siam a. A ziarang siam hi han chhunzawm rawh le.



Ziarang hi nambar leh hawrawp hmang pawhin kan siam thei tho bawk. A hnuaiah hian entirna tlêm a awm a. I chhunzawm zel thei em?

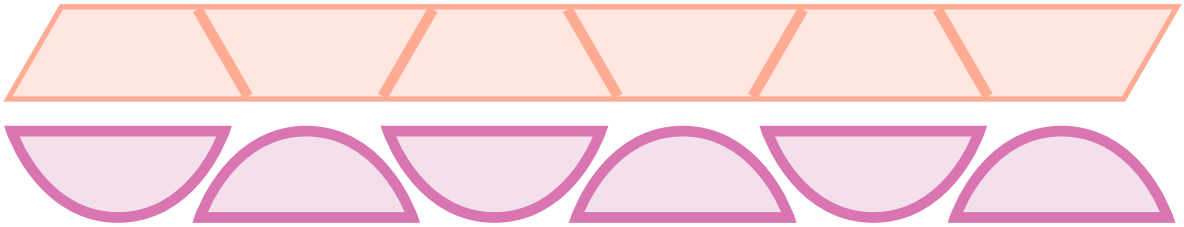
ABC DEF GHI

28Z 27Y 26X

864 764 664

9 109 209

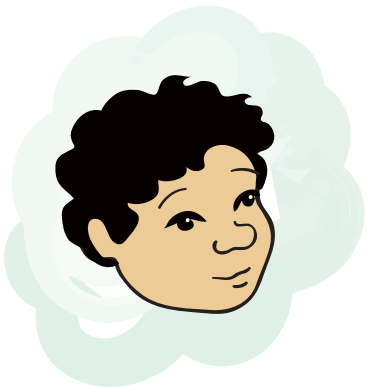
Tunah chuan nangmahin nambar ziarâng han siam ve teh le.



Nambar tel lovin ziarâng han siam ve teh le.

## Eng nambar mah a awm nawn lo

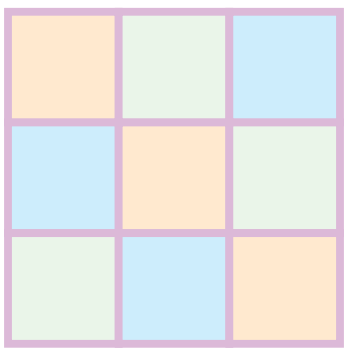
Nambar awmna bâwm hi en teh le. Ziarâng i hmu thei em?



| | | |
|---|---|---|
| 1 | 2 | 3 |
| 3 | 1 | 2 |
| 2 | 3 | 1 |

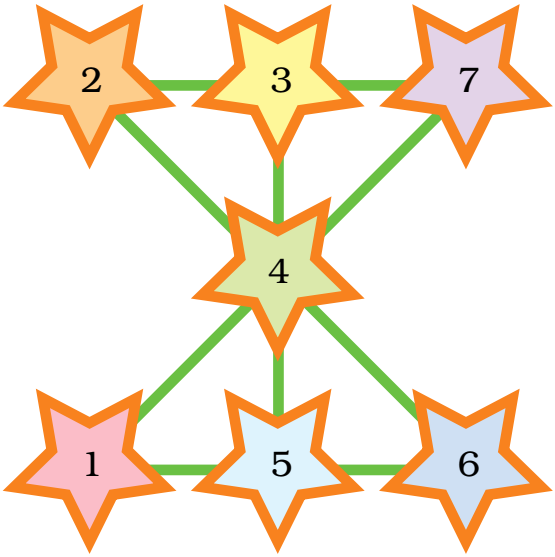



Tunah chuan hêng hawrawp A, B, C te hi bâwm chhungah hian tlar khata a enga mah awm nawn lo turin han rem ve teh le.



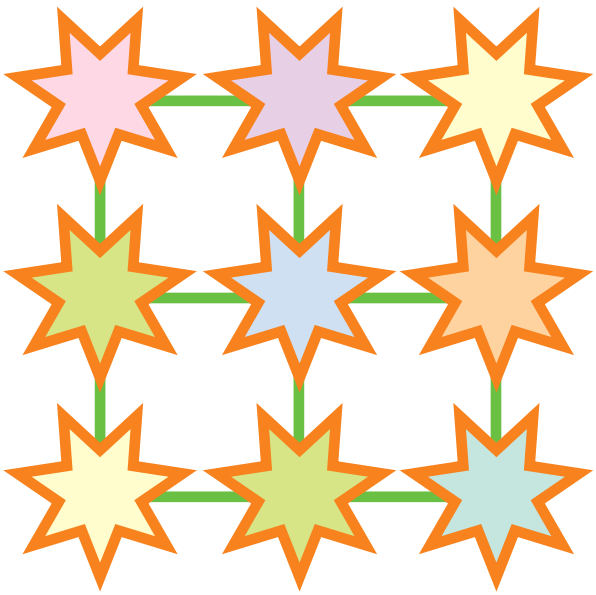
Hetah hian tlar phei leh tlar chhuk tih thu kan sawi lang lo va, amaherawhchu zirtirtu ten 'tlar' tih thumal hmangin tlar phei leh tlar chhuk awmzia an sawi fiah thei ang.

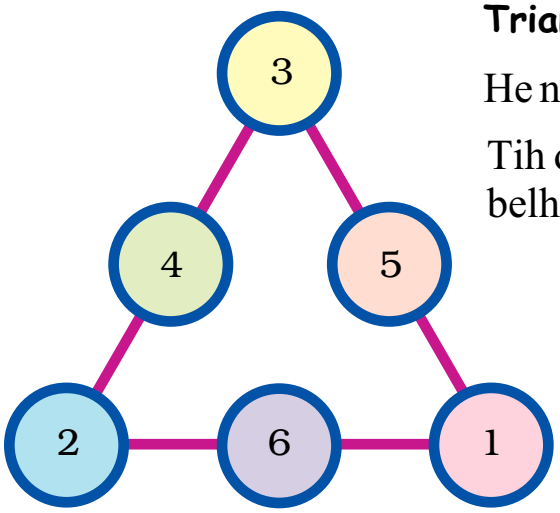
## Ziarâng mak dangdai




1 atanga 7 thleng nambar inrem dan ziarâng awm dan hi han en teh u. Tlar tina mi te belh khawm hi 12 a chhuak vek maw le!

Tunah chuan hêng arsi lem hi dah khat rawh le. Nambar 1 - 9 hmang la, tlar tina nambar belh khawm chu 15 a ni vek tur a ni.






## Triangle mak dangdai

He nambar ziarang hi han en teh le.

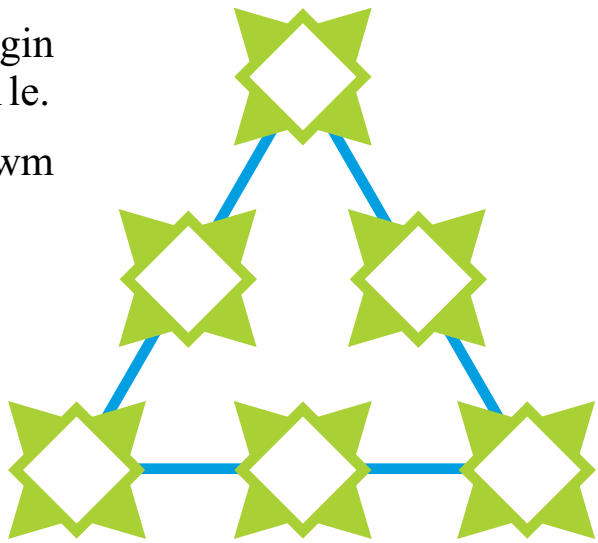
Tih dân: Triangle sir tina nambarte hi a belh khawm chu 9 a ni.

3 + 4 + 2 = 9

Triangle sir danga mite pawh hi a belh chhuak 9 a ni ve em han en teh.

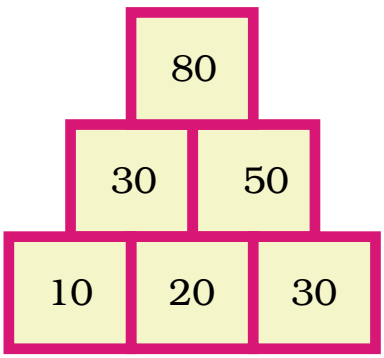
Tunah chuan nambar 1 - 6 hmangin triangle mak dangdai han siam ve teh le.

Tih dan: Sir tina nambarte belh khawm chu 10 zel a ni tur a ni.



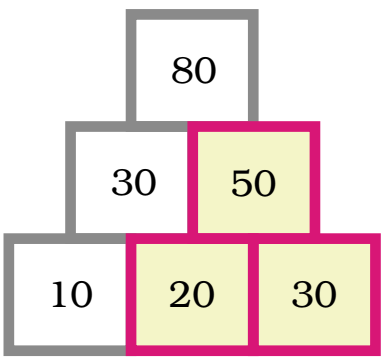
## Nambar in chhâwng

In chhawng angin nambarte hi a rem theih a. A hnuai aṭanga ṭanin hetiang nambar ziarâng hi kan siam a.

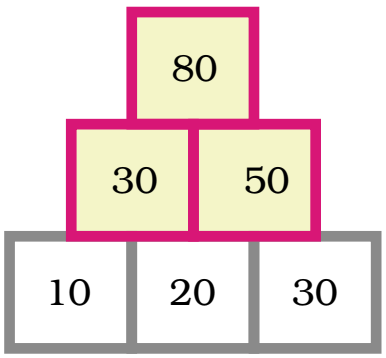



He ziarâng lo chhuak tura a tih dan hi i hmu thiam em?

Tih dân: A hnuai bâwm hniha nambarte khi kan belh a, an chung chiah bâwma nambar khi a lo chhuak zêl a ni.

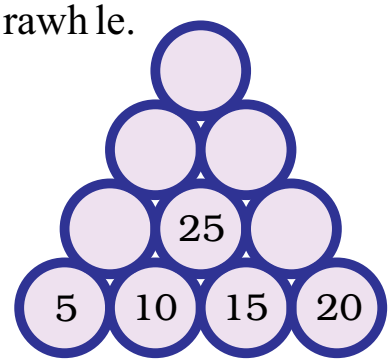


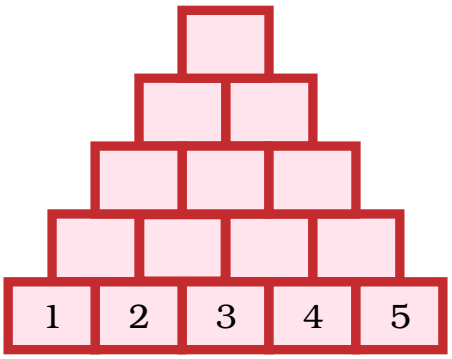

20 + 30 = 50




30 + 50 = 80

A tih dan ngai chiah hmangin, heng nambar in chhâwngte hi dah khat rawh le.




**Belh chhuak thuhmun dân**

Ṭhianho ṭhenkhat chu nambar card hmangin an lo infiam a. Engtin nge an belh han en teh le.

A vei lam aṭangin a hmasa ber

A ding lam aṭangin a hmasa ber




| | | | | |
|---|---|---|---|---|
| 11 | + | 16 | = | 27 |
| 12 | + | 15 | = | 27 |
| 13 | + | 14 | = | 27 |

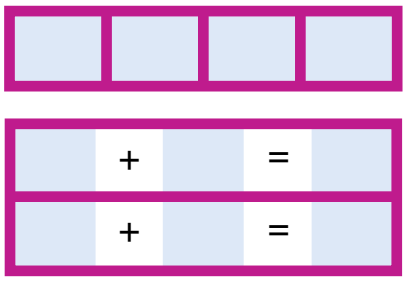
Kan belh apianga a belh chhuak thuhmun chiah a lo chhuah zêl dan i hmu thiam em?

Tih dân: Hetianga nambar pahnih zel kan belh hian a belh chhuak a thuhmun zel —

Vei lam ber leh Ding lam ber

Vei lam ber dawt leh Ding lam ber dawt

Vei lam aṭanga pathumna leh Ding lam aṭanga pathumna belh la, a dawta nambar pathum nen tih dan ngai hmang khan ziarang han siam ve teh le.




A belh chhuak chu a inang zel em han en teh.

## Belh hmanga ziarâng

1 + 2 + 3 = 6

2 + 3 + 4 = 9

3 + 4 + 5 = 12







1 + 2 + 3 + 4 = 10

2 + 3 + 4 + 5 = 14

3 + 4 + 5 + 6 = 18

Tunah chuan a indawt zêla nambar 5 remin ziarâng nei turin han siam ve teh le.

__ + __ + __ + __ + __ = __

__ + __ + __ + __ + __ = __

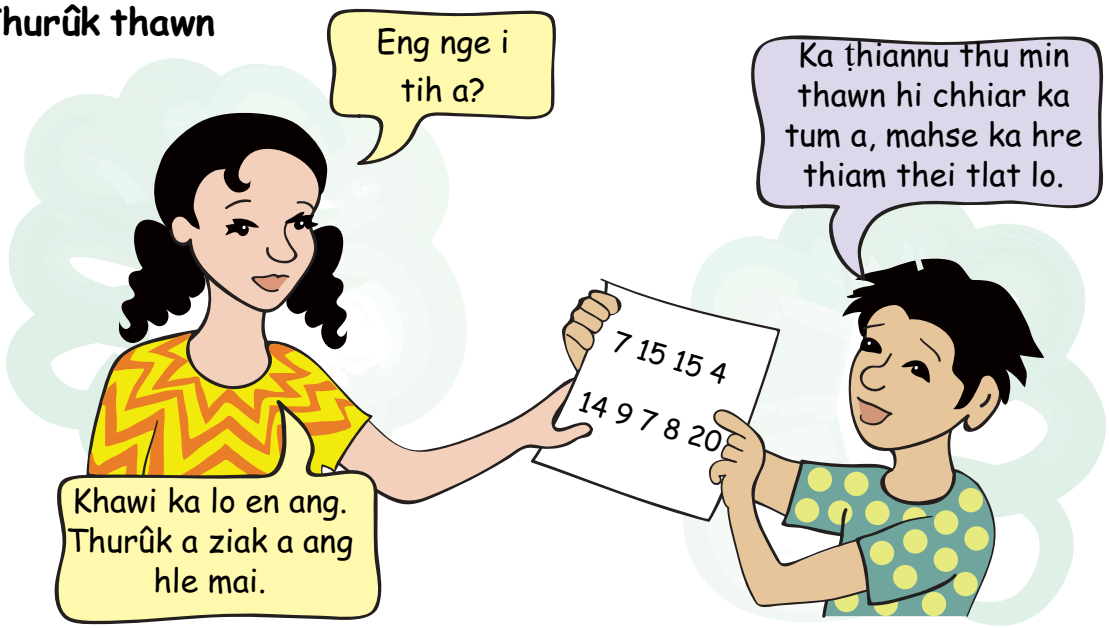
__ + __ + __ + __ + __ = __

__ + __ + __ + __ + __ = __

__ + __ + __ + __ + __ = __

5 zêlin a belhchhuak chu a tam chho ve em?

## Thurûk thawn




Zami chuan a tih dân a hrilhfiah a — Hawrawp aiah nambar hman a nih hi. Entir nân, 'J'chu 10, 'P' chu 16. Tichuan, "JUMP" chu 10 21 13 16.

❊ Heta hawrawp leh nambar hi han ziak kim la, a pui thei ang che.

| A | B | C | D | E |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |

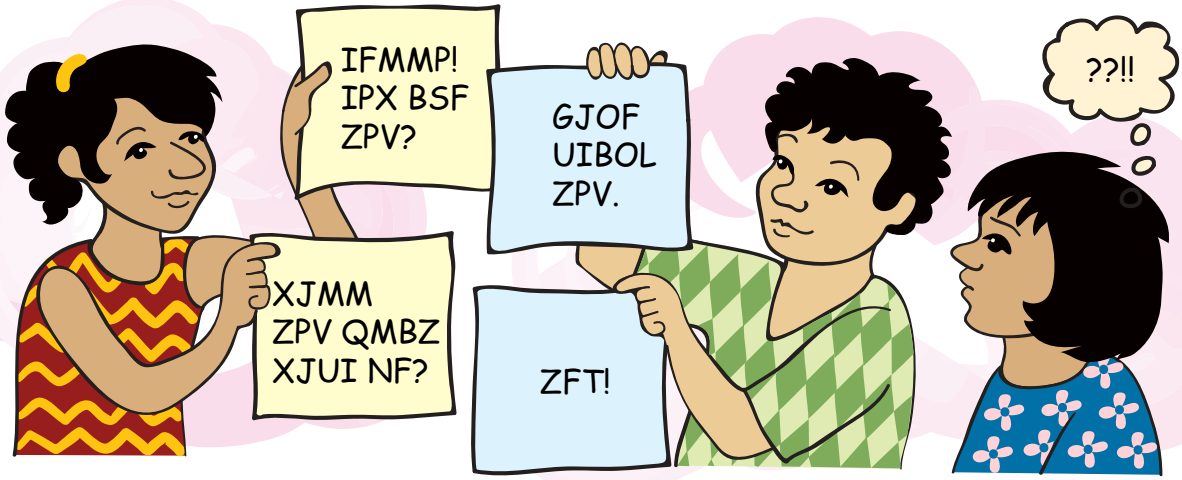
❊ Thanga chuan a ṭhian hnenah 'Good Morning' tih thawn a duh a.

Khitiang tih dan hmang khian eng nge a ziah ang?

❊ A tih dân khi thlâk danglamin 'B' aiah 1 hmang ila, 'D' aiah 3, chutiang zêl chuan. Engtin nge 'Let Us Dance' tih hi kan ziah ang?

Thurûk ziah leh chhui chhuah hi ziarâng hriatna chi khat a ni a. Tih dân zuk hmuh thiamna hi mathematics ngaihtuahna ṭhan lentirna atan a pawimawh a ni.

## Thurûk thawn chi dang




Sapi leh Zuia-te chu an infiam a. Thurûk eng emaw zât an ziak a. Mahse Kuri chuan a hre thiam ve thei lo va. Tichuan, Zuia chuan a tih dan a hrihfiah ta a —

Zuia – Han en la, hawrawp tin hi a dawt chiah hawrawp zelin kan thlak a. Chumi awmzia chu 'G' aiah 'F' kan ziak a, 'O' aiah 'N'. Tichuan YES chu ZFT a lo ni ta a ni.

Kuri – Ehe! Tunah chuan ka hre thiam ta.

Kuri – Ka thil ziak hi han en teh. XF BSF GSJFOE T

❊ Kuri thuruk ziak hi eng nge ni? _____

❊ Sapi leh Zuia-te hian eng nge an ziah?

_____

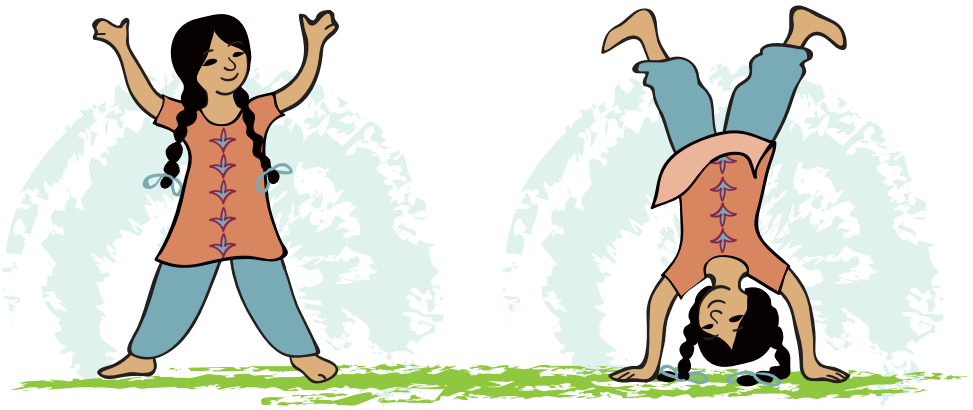
❊ Khi tih dân hmang khian - 'Meet me on the moon' tih han ziak teh.

_____

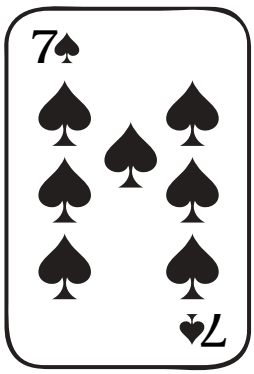
❊ Tih dân chi dang hmangin thurûk ziak la, I ṭhiante chhui chhuah tir ang che.

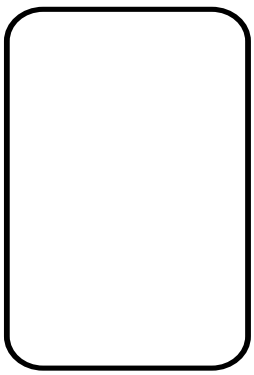
## A letling

Apuii chu a lo infiam a. A ṭhiante hnenah a inrûlpuiludin theihzia a lo entir a.



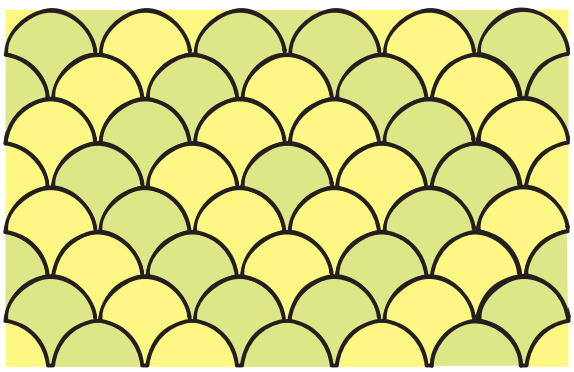
Tunah chuan Apuii chu lehkhaden hmangin a infiam a. Lehlin thawkin engtin nge a lem hi a awm ang han ziak teh.

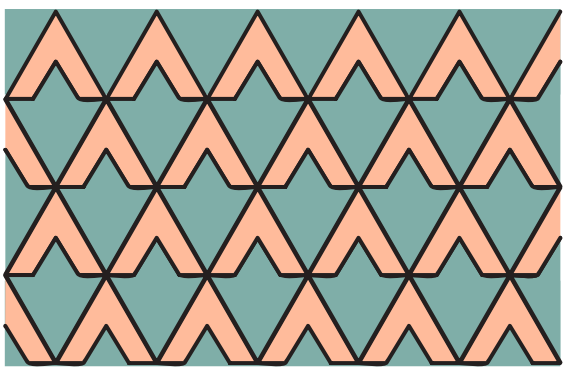


## Chhuat ziarang

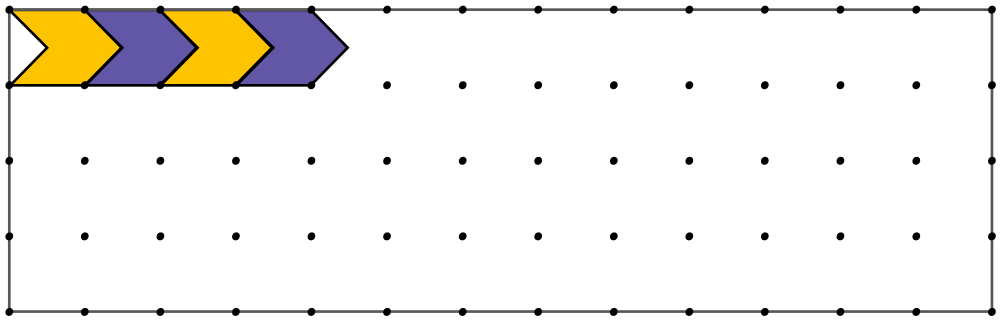
Hetiang pianze nei tile an phah hi i hmu tawh em?





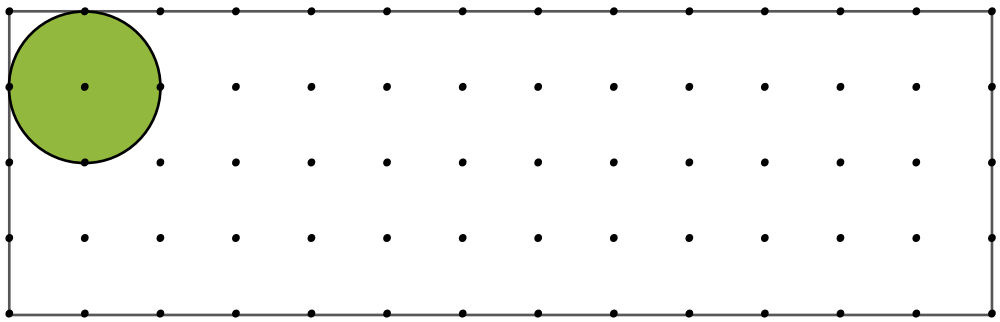
Kar awl awm lova insi ṭhap thei tile hmangin chhuat an phah a, hetiang hian a lo induang ta ṭhin a ni.

a) Tunah chuan he tile hmang hian he chhuat hi han phah chhuak vek teh.

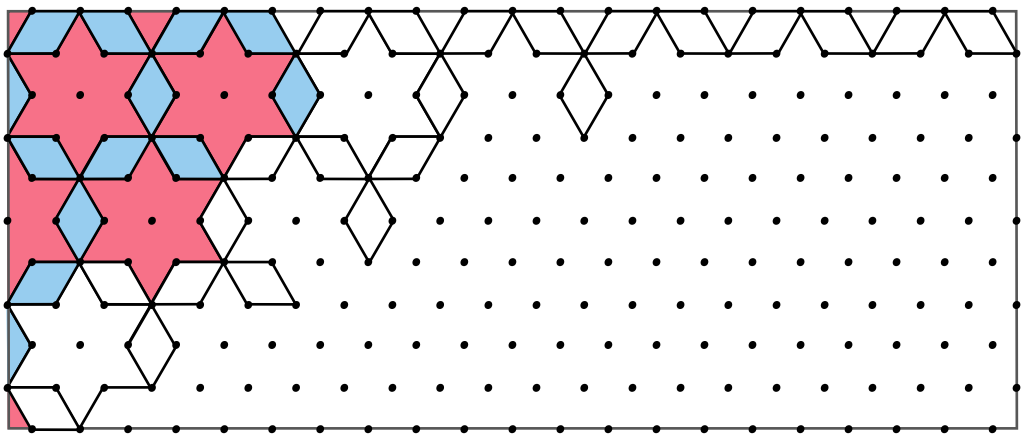


Hetiang chhuat duang tur hian chhuatphah bial i hmang thei ang em?

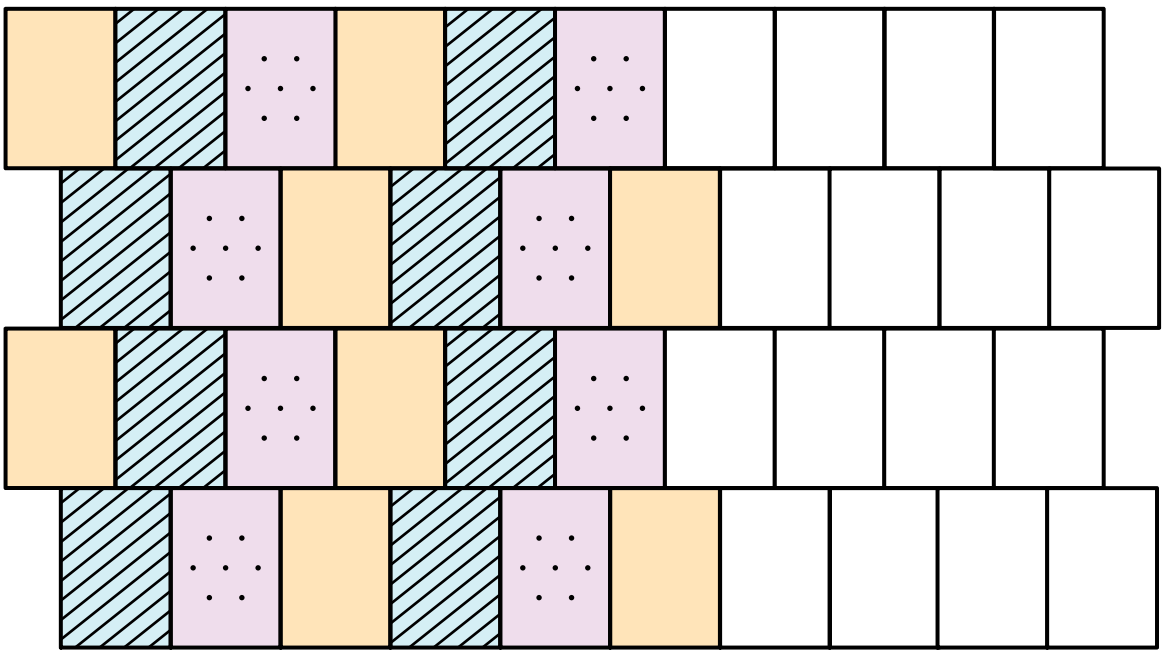
b) Tile hring hmang hian a kar âwl awm miah lo turin rem han tum chhin teh. I ti thei em? I ṭhiante nen han sawi ho teh u.



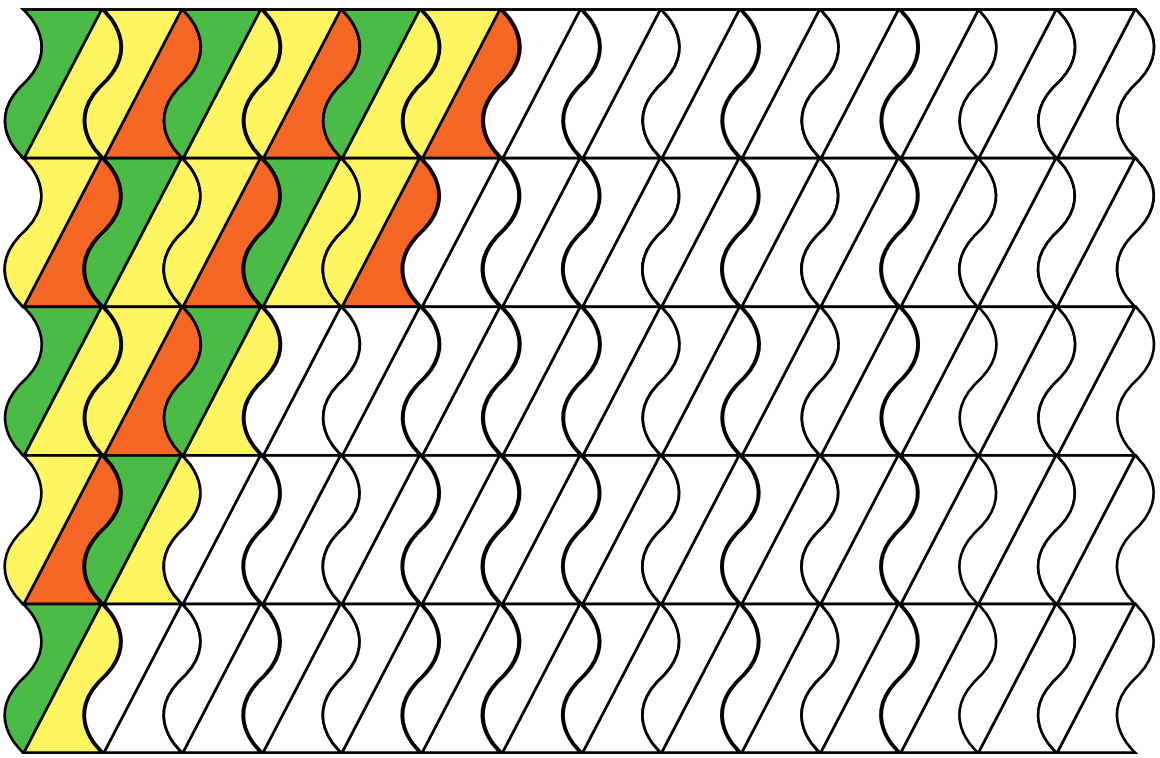
c) He chhuatphah dan ziarâng hi han chhunzawm teh le.



d) Heng lungtum hmang hian Rama chuan bang a rem a. I tihzawhsak thei ang em??



e) Rini chuan he bang hi rawng a hnawih ṭan a. A tâwp thlengin han chhunzawm ta che.

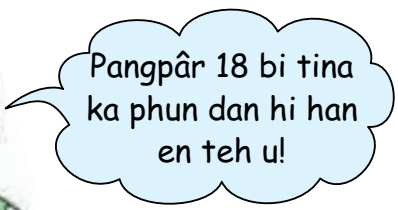


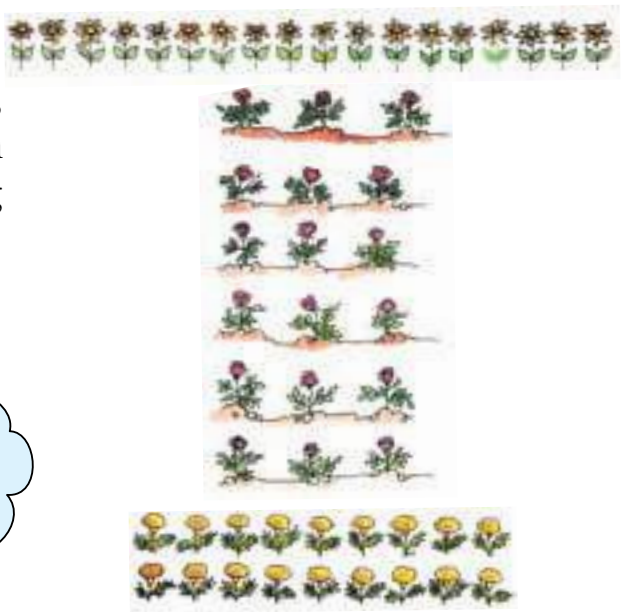
# 11 Hmun leh Chanpual

**Siami huan**

Siami chuan a huanah nihawi te, rose te, derhken te a phun a. Bi thum zelin a phun a. A huan chu hetiang hian a awm a ni.





Bi tinah pangpârte chu chi hrang hrangin a inrem a.

Rose phun dan hi han en teh u.

18 = 6 × 3  Tichuan, pangpâr 3 zel tlar 6 in an awm a.

Eng ang zawngin nge nihawi leh derhken te chu phun an nih ve le?

18 = _____ × _____  Tichuan, tlar __ ah pangpâr __ an awm a.

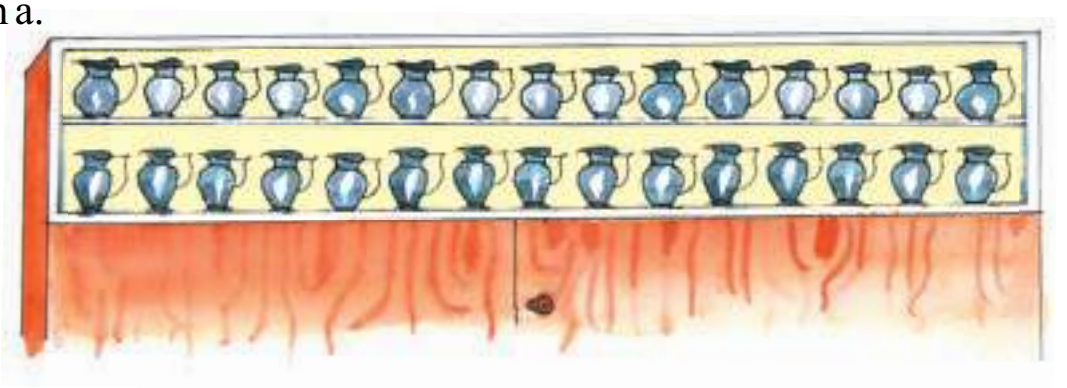
18 = _____ × _____  Tichuan, tlar __ ah pangpâr __ an awm.

Nang pawhin huan i siam ve thei asin. Huan lem ziak la, bi nei thlapin pangpâr 48 lantir ang che. Tlar tinah pangpâr inzât ṭheuh in an awm tur a ni.

Puntirna hi a tlar ang zâwnga thil rem nên hian a inkungkaih tir theih a. Thil dang, entir nân ṭhutthleng inrem dân te, sikula naupang intlar dânte leh a dangte pawh sawi theih a ni.

## Chhuara tuibêl

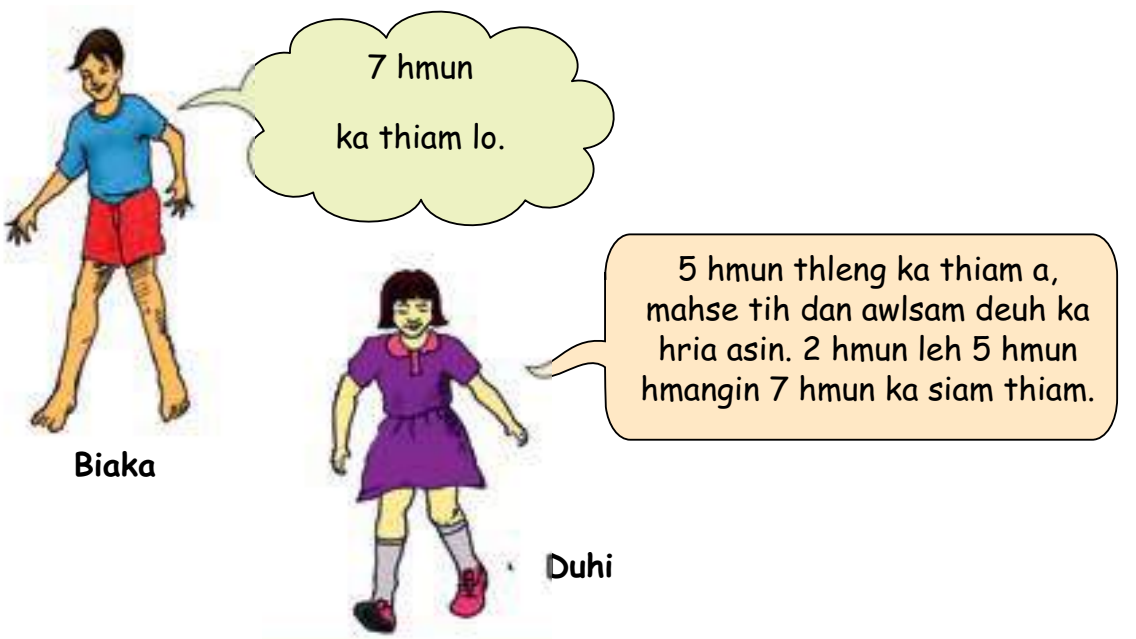
Biaka chuan tuibêl 30 dahna turin chhuar a siam a. Chhuar sei tak niin chhâwng hnih a nei a. Chhâwng tinah chuan tuibêl inzât chiahin an dah a.



Tuibêl 30 dah dan tur chi dang nei chhuar i siam thiam ang em?

* Chhuar han siam teh. Chhâwng khatah tuibel i dah tur zat entir la. Chhâwng eng zât nge awm?
* I ṭhiante siam nen a in ang em?

## Tih dan awl




Naupangte chuan vawng ringawt lovin anmahniin puntirna hmun siam dân thar an hlimpui viau ang.

2 hmun

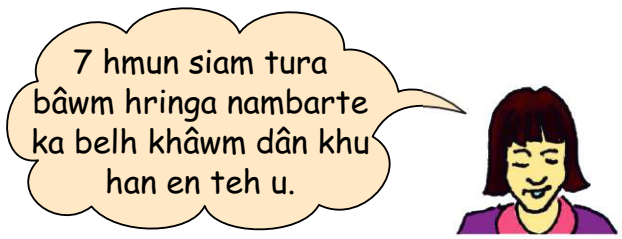
| 2×1 | 2×2 | 2×3 | 2×4 | 2×5 | 2×6 | 2×7 | 2×8 | 2×9 | 2×10 |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |

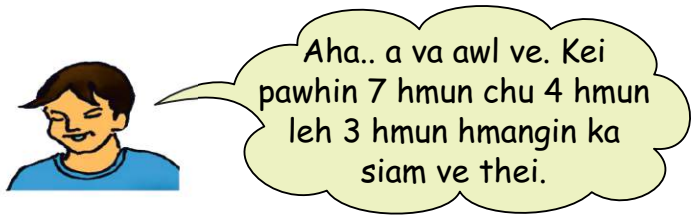
5 hmun

| 5×1 | 5×2 | 5×3 | 5×4 | 5×5 | 5×6 | 5×7 | 5×8 | 5×9 | 5×10 |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |

7 hmun

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |




Biaka hi 4 hmun leh 3 hmun hmanga 7 hmun siam turin han pui teh le.

4 hmun

| 4×1 | 4×2 | 4×3 | 4×4 | 4×5 | 4×6 | 4×7 | 4×8 | 4×9 | 4×10 |
|---|---|---|---|---|---|---|---|---|---|
| 4 | 8 | | | | | | | | |

3 hmun

| 3×1 | 3×2 | 3×3 | 3×4 | 3×5 | 3×6 | 3×7 | 3×8 | 3×9 | 3×10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 6 | | | | | | | | |

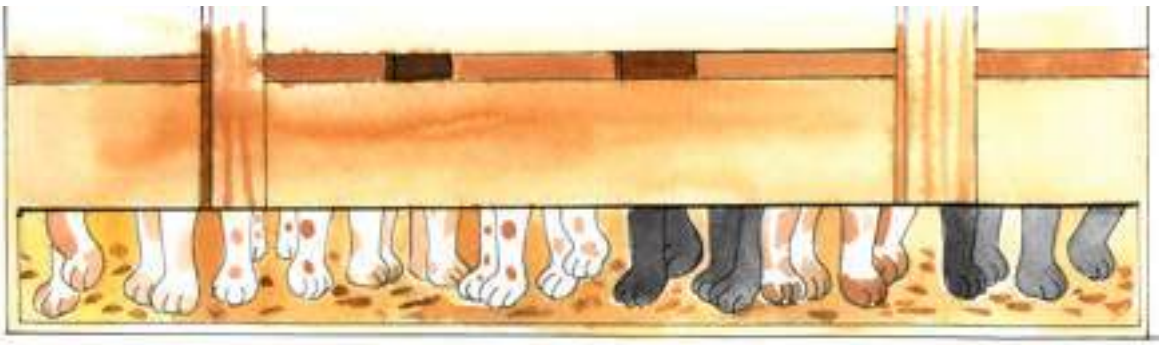
Table of 7

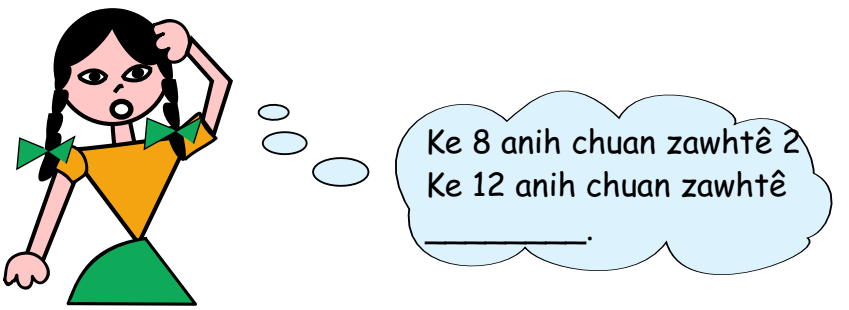
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 | | | | | | | | |

12 hmun siam turin eng hmun chi hnih nge i hman ang?

## Zawhte eng zât nge?

Kimi zawhte ṭhenkhat chu bâwm chhûngah an infiam a. Han chhiar a tum chuan an ke bâk a hmu thei lo va. Ke ringawt 28 a chhiar a. Bâwm chhûngah chuan zawhtê eng zât nge awm?






| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Ke eng zât nge? | 4 | 8 | 12 | | | | | |
| Zawhtê eng zât nge? | 1 | 2 | | | | | | |

Tichuan ke 28 chu zawhte _____ tihna.

* Buala chuan bâwm chhûngah artê a khung a. Ke 28 lai a chhiar a. Artê eng zât nge awm?
* Lali chu ni 21 chhung sikul a kal tawh lo va. Chawlhkar eng zât nge sikul a chawlh?

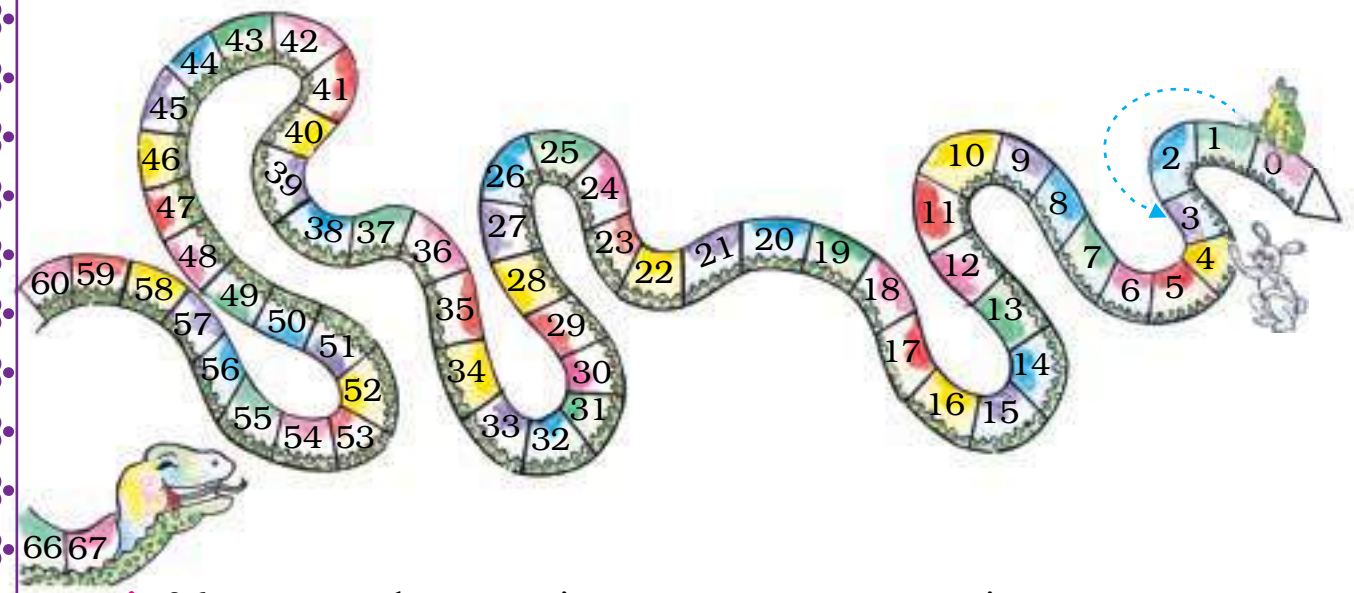
Naupangte chu anmahnia khi table khi dah khat turin fuih la, thil pahnih inkawpa kal chite kalhmang chhui zaupui ang che. Entir nan, ke 48 a awm chuan zawhte 12 an ni tih leh hemi letling chiah pawh. Hei hian nakina algebra an zir huna an chhawr tur thil kalhmang ngaihtuah thiamna chi a tuh a ni.

## Ramsa zuang

Pawl III a ramsa zuang in zir kha in la hria em? 0 aṭanga ṭanin uṭawk chu ṭum khatah rahbi 3 a zuang a.

27 thleng turin vawi eng zât nge a zuan?

✻ Tichuan, a zuan zât chu vawi 27 ÷ 3 = ___ a ni.




✻ 36-a a awm chuan vawi _____ a zuang a ni.

✻ 42-a a awm chuan vawi _____ a zuang a ni.

0 aṭanga ṭanin sazupui chuan rahbi 5 ṭum khatah a zuang a.

✻ Vawi eng zât a zuanin nge 25 a thlen ang? _____

✻ Vawi 8 a zuan hnu chuan _____ a thleng.

✻ 55 thleng turin vawi _____ a zuan a ngai.

## Tihchhin hun

1) 28 ÷ 2 = 2) 56 ÷ 7 =

3) 48 ÷ 4 = 4) 66 ÷ 6 =

5) 96 ÷ 8 = 6) 110 ÷ 10 =

Naupangte chuan hetiang puntir leh sem hi pawl III ah khan an lo ti tawh a. Pawl III zirlaibu Math- Magic phêk 173-176 kha en kawp ni se.

## Tuikep

Dhruv-a chu tuipui kama chêng a ni a. A ṭhiante pathum tan ṭhi siamsak a duh a. Nilengin tuikep a zawng a, tlâiah chuan tuikep 112 zet a chhar khâwm hman a. Tunah chuan tuikep hrang hrang mawi tak taka tle sep sep a nei ta ṭeuh mai.




Ṭhi pakhat siam nan tuikep 28 a thlang a.

112 – 28 = 84

Tunah chuan tuikep 84 a la bang a. Ṭhi pahnihna siam nan tuikep 28 a thlang leh a.

* Tuikep eng zat nge tunah hian la bâng? _____

Ṭhi pathumna siam nân tuikep a thlang leh a.

* Tichuan tuikep ____ a la bâng a.
* Tuikep 112 hmang in Dhruv-a hian ṭhi eng zât nge a siam theih ang? _____
* A ṭhiante zawng zawng tana ṭhi siam nân a tuikep khan a daih em?_____

### *Tih han tum teh*

A) Tuikep 17 hmangin Kannu-a chuan ṭhi a siam a. Tuikep 100 hmangin ṭhi eng zât nge a siam theih ang?

Puntirna hmun an hriat loh nambar lian tak takah semna dan hmanga zawhna an chhanna turin paih nawn paih nawn hmang ṭhin turin naupangte chu fuih ni se. Tih tur dang pawh a tak taka thil thleng nena inkaihhnawih chi pek theih a ni.

B) Bâwm pakhatah sahbawn 85 a leng a. Sawmi chuan bâwmah sahbawn 338 khung a duh a. Bâwm eng zât nge a mamawh ang?

C) Manpreet-a chuan in sak nân cement ip 1500 a duh a. Truck pakhatin ṭum khatah ip 250 a phur thei a. Ṭum eng zât nge truck chuan a thiar ngai ang?

A khalhtupa chuan ṭum khat thiarah ₹ 500 a inchhiar a. A vaia thiar nan Manpreet-a chuan a khalhtupa chu chêng eng zât nge a pêk ang?

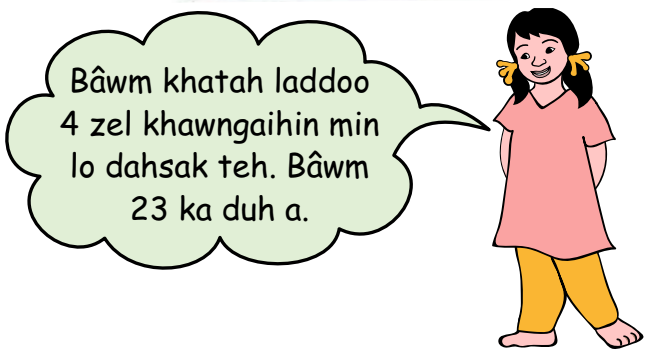
### Gangu-a laddoo siam

Gangu-a chuan Id kût hmanna turin laddoo a siam a, laddoo thleng khat a 80 awm a siam tawh a.










Rabiya

* Thlenga laddoo-te hi bâwm 23-a dah atan a tawk em?

  _____

* Laddoo eng zât nge a la belh ngai? _____

Hetiang chin fel nân a hlâwma thlenga dah emaw, sem nâna puntirna hman emaw, paih nawn paih nawn emaw leh a dangte anmahni tih dâna ti tura fuih ni se.

* Gangu-a hian bâwm lian zawk pawh a nei a, chutah chuan laddoo 12 a dah a. Laddoo 60 dah nân bâwm eng zât nge a mamawh ang?



## Tih tûr

1) Neelu chuan class-ah thawnthu bu 15 a rawn keng a. Vawiinah Zirlai 45 an lo kal a. Thawnthu bu khat chu naupang eng zât zêlin nge inṭawm ang?

2) Mi 8 awmna chhungkaw pakhat chuan thla khat atan wheat kg 60 an mamawh a. Chu chhungkua chuan kâr khat atan eng zât nge an mamawh?

3) Razia chuan ₹ 500 tih nawi a duh a.



A tihnawi nân chuan eng zât zêl nge a dawn ang —



(a) Chêng 100 note hlir a nihin? _____



(b) Chêng 50 note hlir a nihin? _____



(c) Chêng 20 note hlir a nihin? _____



(d) Chêng 5 note hlir a nihin? _____

* Bâwmrang 3-a dah turin tomato 72 sem rual a ngai a. Eng zât ṭheuhvin nge tomato chu i dah ang?

* Tawlailir pakhatah leirawhchan 350 a awm a. Binod-a chuan leirawhchan pakhat chu kg 2-a rit a ni tih a hria a. Leirawhchan zawng zawng chu engtianga rit nge ni ang?

## Naupangte leh an pu

Intihhlimna dâwrpuia kal turin Rini te, Siami te, Madiki te, Rova te, Lawma-te chuan an pu hnenah pawisa an dil a.



Ka ipteah hian chêng 70 ka ak a A inzât ṭheuhva pawisa hi in insem theih dân tur min hrilh ula, in sawi dik chuan ka pe dawn che u nia.



## Tih dân pakhat

Rini leh Siami chuan an ngaihtuah vang vang a, ti hian an sawi a. Tih dan ka hria 70 ÷ 5 an ti a.

Siami chuan a han ziak ṭan a —

```
  10   → A hmasa berah chuan ₹10 ṭheuhvin ka sem a.
5 ) 70
  - 50 → Tichuan, ₹ 5 × 10 = 50 ka sem tawh a.
  ----
   20  → ₹ 20 a la bâng a.
```

Rini chuan a rawn tihzawhsak a. Ti hian a sawi a —

```
    10 + 4
5 ) 70
  - 50
  ----
   20
 - 20
 ----
    0
 ----
```

Chêng 4 ṭheuh ka pek belh a. Chêng 20 chu ka sem zo ta. Tunah chuan bâng awm lovin pawisa chu a vaiin inzat ṭheuhvin sem ral a ni ta.

Tichuan, chêng 10 + 4 = 14 ṭheuhvin an chang ta hlawm a.

He tih dan hi thil sem chhawn tur a awma naupangten an sem dan chungchang a ni a. Hetah hi chuan, mi panga hnenah ₹10 theuhin an sem phawt mai thei a, a dawt lehah pawisa la bang chu an sem nawn leh a. An duh chuan ₹ 5 ṭheuh pawhin a tirah an sem phawt thei a ni. Naupangte chuan sem zo turin an duh ang zawngin an ti thei a. Hei tak hi he tih dan ṭhatna tak chu a ni.

## Tih dân dang leh



Madiki leh Lawma te chuan 70 ÷ 5 chu kawng dangin lo sem chhuah an tum a. Lawma chuan heti hian a ziak a —

A tirah ₹ 5 ṭheuh ka pe a. → 5 + 6

5 × 5 = 25 ka sem ta a. → 5 ) 70 − 25

A dawtah ₹ 6 ṭheuhvin ka sem leh a. → 45

Chêng 30 ka semral leh ta a. → − 30

Tunah chuan chêng ___ a la bâng a. → ?

Lawma hian pawisa la bâng chu engtin nge a sem ral ang? Han ti zo teh le. Tichuan, naupang tin chuan chêng 5 + 6 + __ = ___ an dawng ṭheuh va. .



I chhânna chu fiah rawh le! I chhânna chu 5-in puntir la, a chhuak chu 70 a ni em? I chhânna chu a dik em?

## Nangma tih dan

* Tunah chuan mi 5 hnenah a inzât ṭheuhvin ₹ 70 sem dân tur nangma tih dân hmangin han ti ve teh le. I duh chuan ₹ 2 ṭheuh pawhin i sem ṭan thei ang. A nih loh pawhin ₹ 11 ṭheuh pawhin i sem ṭan thei tho vang.

₹ 15 ṭheuhvin i sem ṭan thei em?



## Hengte hi tih han tum teh

a) 5 ) 65 b) 84 ÷ 2 c) 3 ) 69 d) 90 ÷ 6

e) 4 ) 72 f) 9 ) 108 g) 232 ÷ 2 h) 2 ) 428

i) Meera-i chuan bazara zawrh turin mombati 204 a siam a. Fûn khatah 6 zelin a thun a. Fûn eng zat nge a siam ang?

Fun khatah 12 zelin thun ta se, fûn eng zât nge a siam ang?

j) Sikul sport niin naupang 161 mualah an kal khawm a. Tlar 7 - ah inzât ṭheuhvin an intlar a. Tlar khatah naupang eng zât zel nge awm?

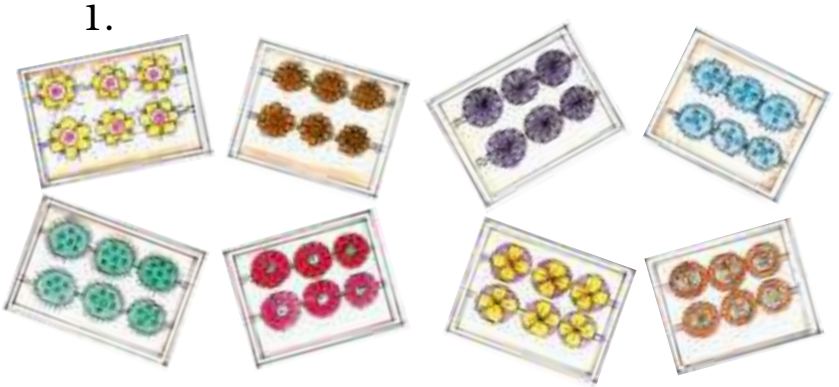
**Thawnthu aṭanga tih tur**

Thari chu a piin tih tur a siamtir a.




Milem dangte hi en la Thari zawhna siam ang hi han siam ve teh le.

1.

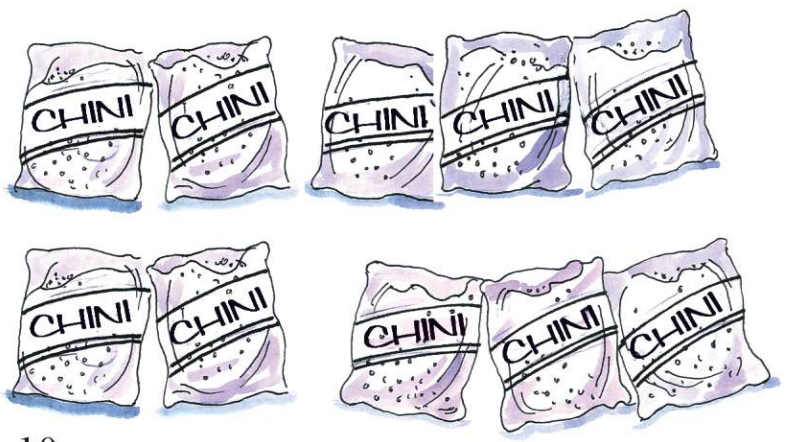


Bânbun bâwm 8 a awm.

Bâwm khatah bânbun 6 zel a awm.

I zawhna:

2.




Chini fûn 10 a awm.

Sawma chuan a vaiin chêng 110 in a lei a.

I zawhna:

3.

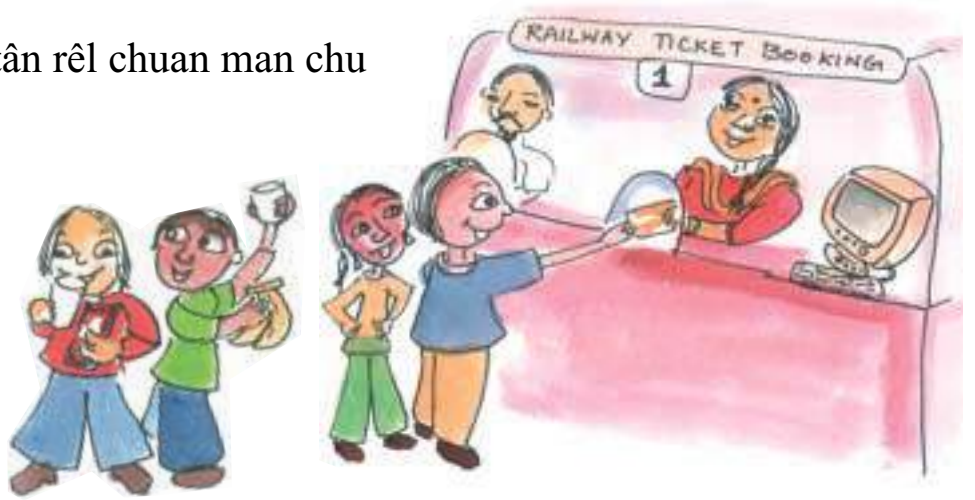


Tlar 7-ah zirlai 35 an awm a. Tlar tinah zirlai a inzât ṭheuhvin an awm.

I zawhna:

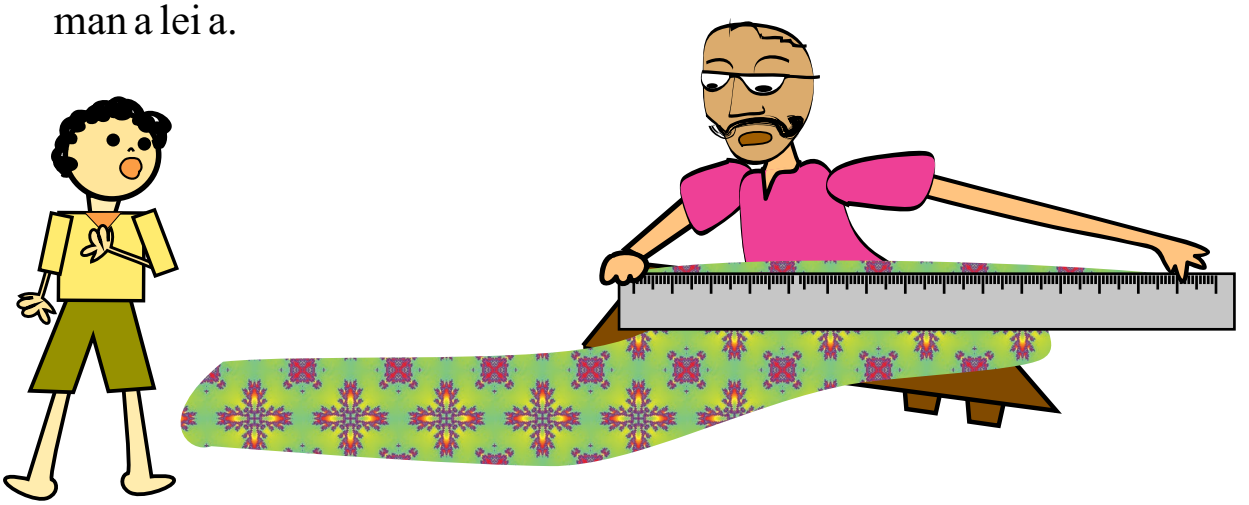
4. Hari-a te, Seema-i te, Chinku-a te Lakshmi-i te chu Guwahati-ah an kal a.

   Mi pakhat tân rêl chuan man chu ₹62 a ni a.

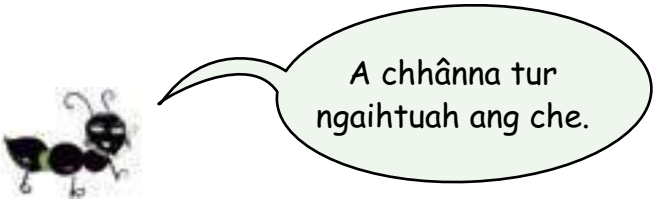



I zawhna:

5. Puanthan metre khata sei chu ₹ 20 man a ni a. Lalbiaka chuan ₹ 140 man a lei a.



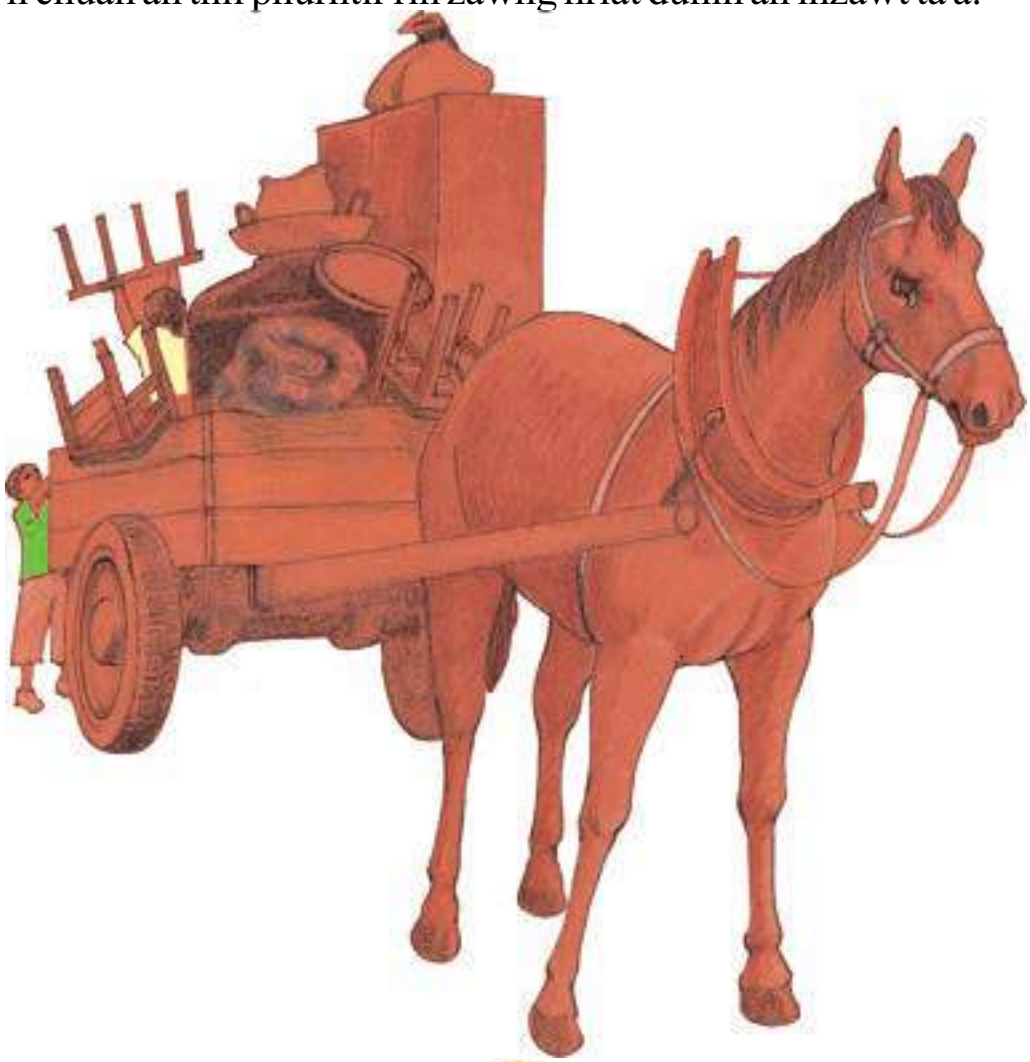
I zawhna:



# 12 Rih Zâwng leh Zân Zâwng

Jaiju-a leh Mannu-ate chuan an in luah an sawn dawn a. An sakawr tawlailirah chuan an thil neih zawng zawng chu an hlâng a. Thil chi hrang hrang - tui zêm, wheat ip nga, dawhkân pathum, almirah pakhat, thutthlêng pali, âwngphah pahnih, buh ip thum, mau leilawn, bungbêl te a ni.

Kal tura an inpeih diam tawh hnu chuan an sakawr chu a kal duh ta tlat lo mai a. A chhan an hre si lo. An pa ber chuan an sakawr chu a dam loh thu leh 250 kg aia rit chu a phurh theih loh thu a sawi a. Chutia a sawi zawh chuan an thil phurhtir rih zâwng hriat duhin an inzâwt ta a.



Pa ber chuan a rih zâwng âwm ang ṭheuh chu a hrilh a .

❊ Tawlailira an phurh zawng zawng rih zâwng zawng chhuak rawh.

Tunah chuan an thil phurh tlêm azâwng chu lak thlak an tum ta a.

❊ 250 kg pel lo turin an thil phurh zinga mi engte nge an hlân thlâk ang?

| *An thil phurh* | *A rih zâwng* |
|---|---|
| Wheat ip thum | 300 kg |
| Buh ip li | 140 kg |
| Tui zêm | 50 kg |
| Almirah pahnih | 300 kg |
| Dawhkân pahnih | 40 kg |
| Ṭhutthlêng paruk | 40 kg |
| Âwngphah pathum | 60kg |
| Mau leilâwn | 10 kg |
| Bungbêl | 10 kg |

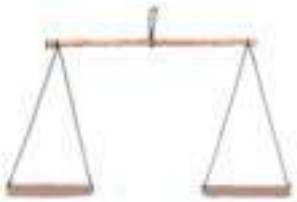
_____

_____



Tawlailira phurh tura an thil hlân kaite chu a lianin a rit êm êm a. Thil lian pui leh rit deuhte rihna hre tur chuan bûkna lian tak kan mamawh a ni.

Mahse Jaiju-a leh Mannu-ate chuan anmahni ngeiin bûkna siam an duh a. Bûkna siam tur chuan hengte hi an la khâwm ta a — thing ṭang, thil chhin pahnih leh hrui lian tak. Tichuan he bûkna hi an siam ta a ni.



❊ Tunah chuan nang pawhin bûkna i siam ve thei ta a, i siam dan indawtin ziak la, a hnuaia bâwmah hian inbûkna i siam lem chu ziak ang che.

*Activity*



Mannu-a leh Jaiju-a te chuan bûkna thlengahte chuan pencil leh geometry box an dah a. A khawi zawk nge uai zawk ang? Eng vangin nge? A lem han ziak teh.



## Eng nge rit zawk?

❊ Thil inang lo pahnih lain a eng nge rit zawk hre turin bûknaah khân dah la. A eng nge rit zawk ang tih ring chhin hmasa phawt la, i rin dik leh dik loh chu bûkna hmang chuan i fiah dawn nia.

## Eng nge rit ber?

❊ Thil pathum la khâwm la. Entir nân – nawhreh, ball leh lehkha. Bûkna hmangin a zâng ber, a laihawl leh a rit ber te thliar la. A hnuaia table hi entirna panga talin tikhat rawh.

| *Zâng ber* | *Laihawl* | *Rit ber* |
|---|---|---|
| Lehkhapuan | Nawhreh | Ball |
| | | |
| | | |
| | | |
| | | |

❊ He bûkna hmang hian i rih zâwng i teh thei em? ?

Naupangin bûkna an siam chu a dik ber kher lo ang a, amaherawhchu thil rih zâwng inang lo khaikhin nan chuan a ṭha thawkhat ang.

## Bûklung siam

Inkawp zela tih tur. Bûkna, bûk lung, sahbawn tlang, sarâng, ṭiau vut leh rubber band te hi in mamawh ang. Aia u zawkte pawh pui tur che u in in sawm thei ang.

Sahbawn tlang thar la la, A tuamna kawrah chuan a rih zâwng a inziak ang. He sahbawn rih zâwng hmang hian bûk lung i siam thei ang. .

Sahbawn rih zâwng chu _____ gram(g} a ni.



Sarâng te reuh tê la la, bûkna thleng lehlamah chuan dah la, a lehlamah sahbawn dah ang che.

Sarâng chhûngah chuan muangchangin ṭiau vut chu thun la, a lehlam nena a inbûk tawk hma chu thun ang che.

A inbûk tawk chiah tihah sarâng chu rubber-in hrêng la. I zawh hnuah sarâng pangah chuan _____g tih ziak ang che.



Sahbawn tlang leh sarânga bûklung i siam zawh tak bûkna thleng pakhatah dah dun la, an pahnih chuan gram eng zâta rit nge an nih tak? _____

Tunah bûklung dang, 150 g, 200 g leh 250 g a rit te kan siam ang. Hemi siam tur hian sahbawn rih zâwng inang lo hrang hrang i hmang thei ang.



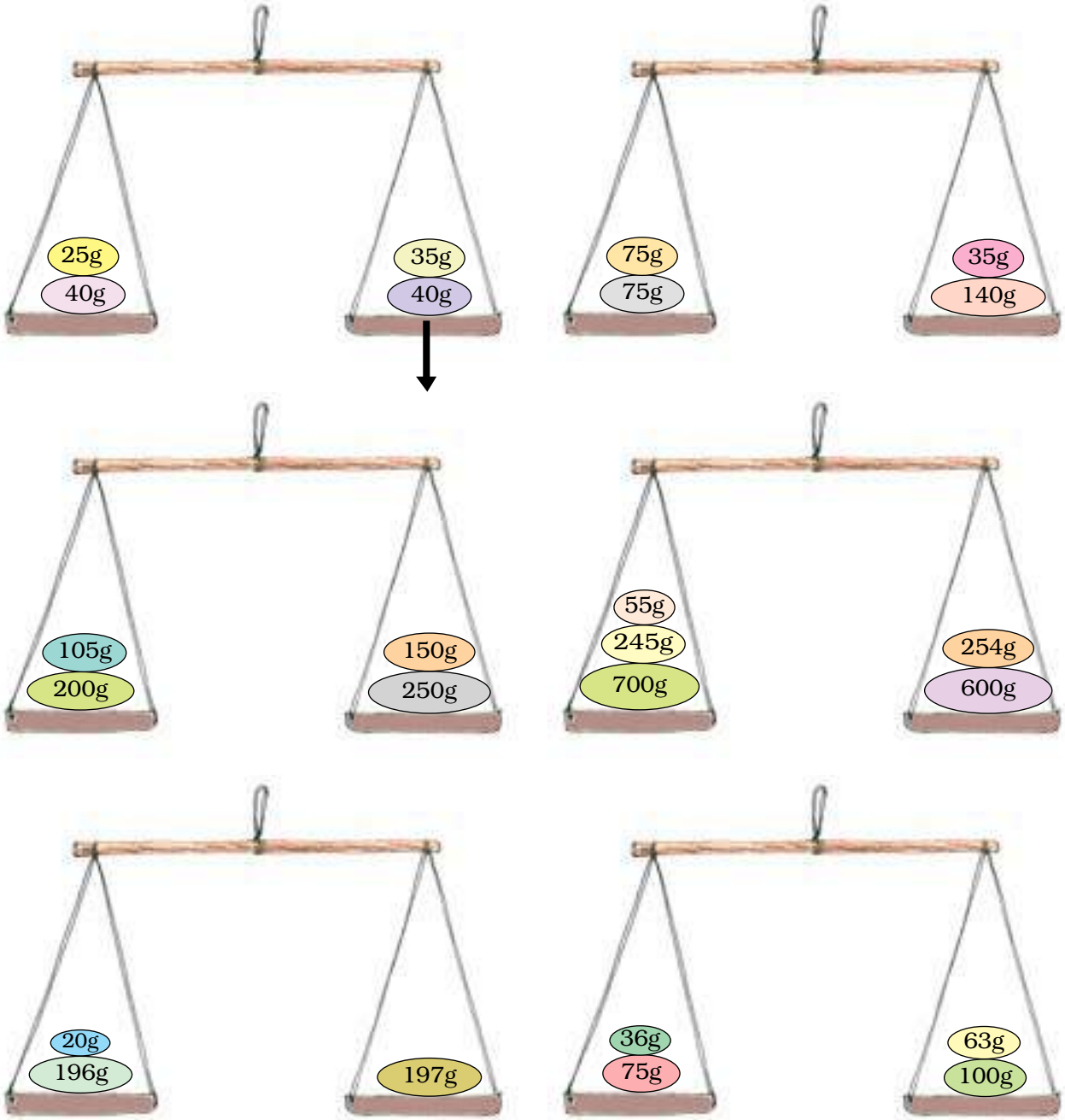
500 g, 1000 g leh 750 g te pawh siam tel ang che.

❊ I bûklung siam chu thil hrang hrang rih zâwng teh nan hmang la, i note buah ziak zel ang che.



## Tihchhin hun

❊ A thlêng eng zâwk hi nge uai ang? Feia kawkin entir ang che.




❊ Thlêng hovah khian kilogram 1 chiaha rit a awm em? Chhinchhiah rawh.

❊ Kg 1 ah gram eng zât nge awm?

## Gram leh Kilogram

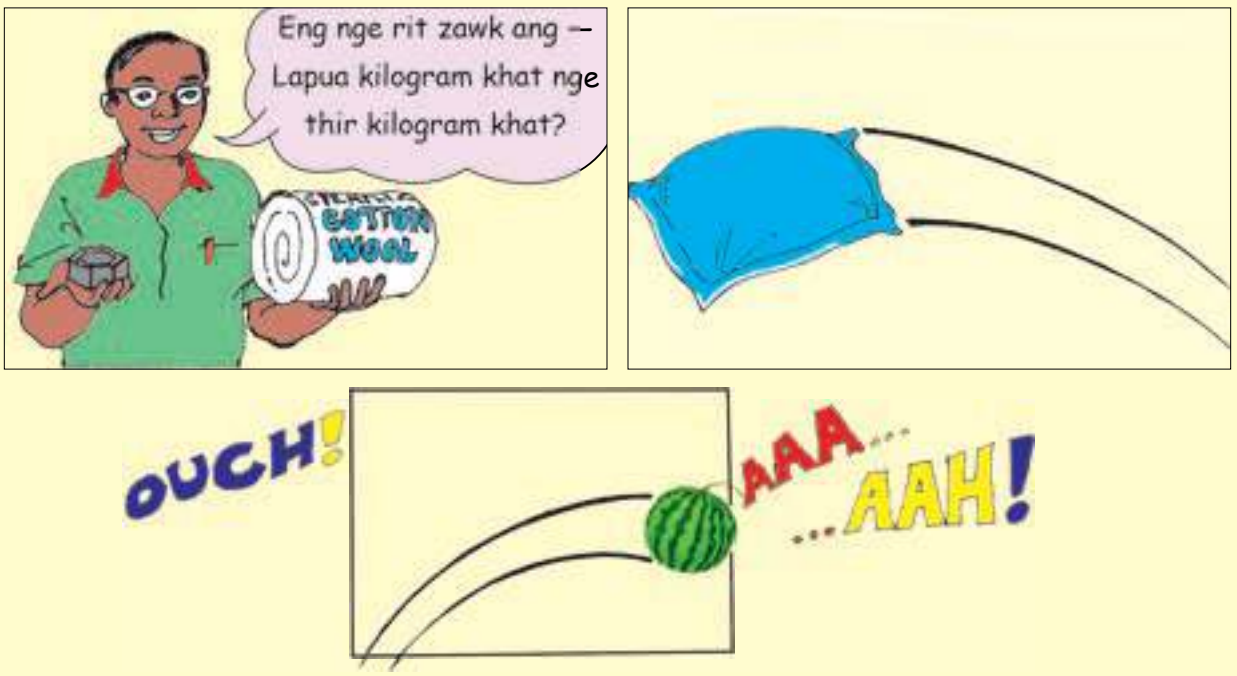


Gram emaw kilogram emawa kan lei ṭhin thil panga ziak teh —



| gram a lei | kilogram a lei |
|---|---|
| 1. | 1. |
| 2. | 2. |
| 3. | 3. |
| 4. | 4. |
| 5. | 5. |

## Eng nge rit zâwk?



## Bazarah Dinga a kal

Dinga chu bazarah kalin thil eng eng emaw a lei a.

A nau chuan a thil lei rih zâwng inziahna lam chu a lo pawt thlêr a.

- A thil lei rih zâwng chu *g* leh *kg*-a dahin i rin danin han ziak chhuak teh.



| *Thil lei* | *Rih zâwng* | |
|---|---|---|
| Buhfai | 5 | |
| Chini | 1 | |
| Anṭam chi | 10 | |
| Wheat | 3 | |
| Dal | 500 | |
| Thingpuife | 250 | |
| Hmarcha | 25 | |

## Car leh Tractor

Ruati chuan a inkhualtelemna te chu a bûk a. A tractor chu a car aiin a rit zawk em tih chu hriat a duh a. Engtin nge a hriat vat theih nân i puih ang?

Eng hi nge rit ber ang ngaihtuah teh- car tak tak nge bus nge tractor?

I thil hmuh tawhah eng nge rit ber?



## Sai rih zâwng

Ṭumkhat chu lal pakhat hi a pum a na a. Lal ina doctor tu mahin a pum na chu an tihdamsak thei lo va.




Lal chuan heti hian thupêk a chhuah ta a:




Lal thupêk hria chuan khawvêl hmun hrang hrang aṭangin mite an lo kal a. Mahse Dr. Vaidika-i chauhvin lalpa chu a tidam thei ta a.



Mahse lal duhâm tak chuan rangkachak chu a pe duh lo va. Bum dân tur a ngaihtuah ta a.




In a thlen chuan Vaidika-i chu a lungawi lo hle mai a. Thil thlen dân zawng zawng chu a fanu a hrilh ta a.



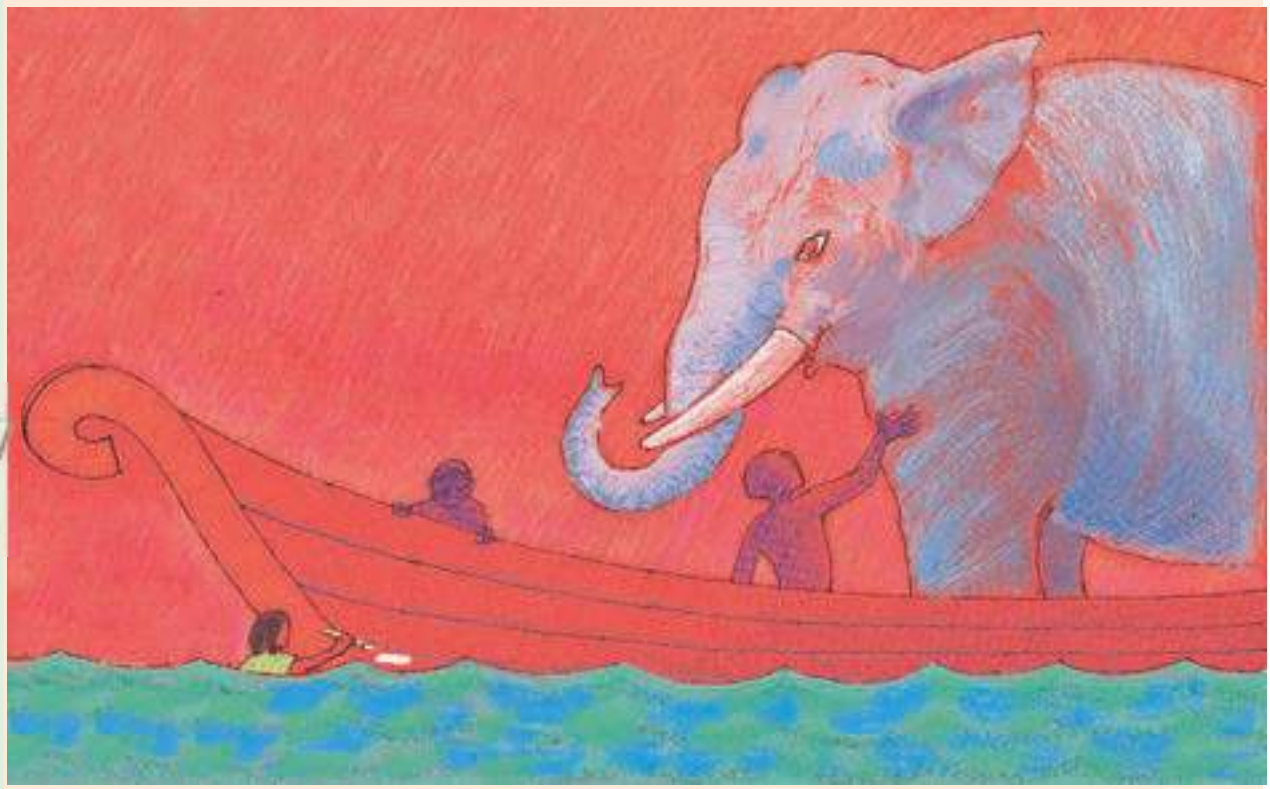

A tûk zingah chuan Dr Vaidika-i chuan lui bula kal turin lal chu a sawm ta a. Lal chu lawng lian pui leh sai nên chuan a lo kal ta a.



Vaidika-i fanu chu luiah chuan a lût a, Lawng pangah chuan tuiin lawng a chim chin chu a chhinchhiah a.

Chumi hnuah chuan sai chu lawnga rawn dah turin a hrilh a. Lawng chu a pil thûk deuh hret a, tuiin lawng a chim chin chu a lo chhinchhiah leh a.





A dawt leha thleng tur chu ngaihtuah zawm ula, a thawnthu phuah pumhlum rawh u le. I ṭhiante nen engtin nge Vaidika-i fanuin sai rihna a zawn chhuah dân sawi ho rawh u.

## Ṭhutthlêng rih zâwng

Anamika-i chuan bûkna khâwl hmangin ṭhutthlêng rih zâwng hi hriat a duh a.





A tih dân tur i zawnpui thei em?



## Lung keh phel

Abdu-a chuan thingtuah tur a zuar ṭhin a. A dawrah chuan 13 kg-a rit lung a nei a. Thingtuah tur buk nan a hmang thin.

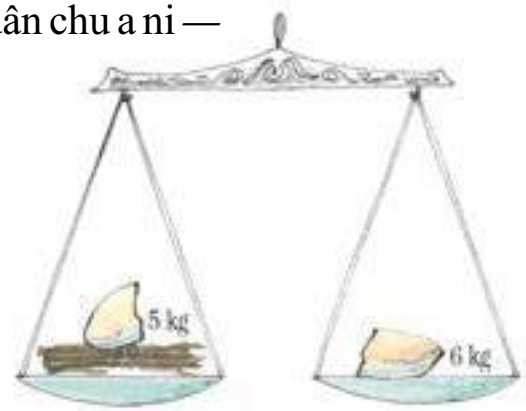
Ni khat chu a lung chu a tla a, hmun 3 ah a keh phel ta a, a keh phel chu - 2 kg, 5 kg leh 6 kg te an ni.




Mahse Abdu-a chu mi fing tak a ni a. Chu a lung keh te chu thingtuah tur tel hrang hrang, 1 kg aṭanga 9 kg a ritte bûk nân a hmang ṭhin.

Hei hi Abdu-an thingtuah tur 1 kg a bûk dân chu a ni —

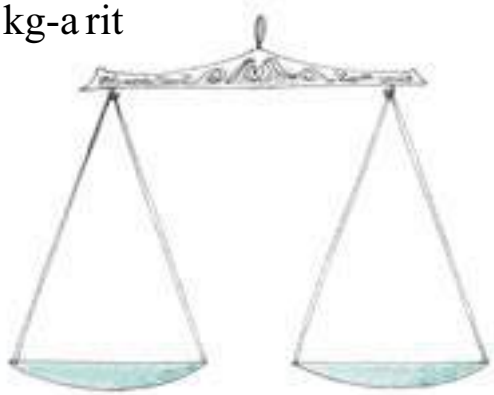


❖ Tunah engtin nge Abdu-an lung phel 3-te hi heng thil bûk nân hian a hman, entir rawh —




a) Thingtuah tur 4 kg-a rit



b) Thingtuah tur 3 kg-a rit



c) Thingtuah tur 7 kg-a rit



## Dâk in



Dâk inah i kal tawh em? _____

Eng thil chi hrang hrang ti turin nge chutah chuan mi an kal ṭhin? _____




Postcard hi eng zât man nge? _____
Inland letter hi eng zât man nge? _____

INDIA POST **Postal Rate**

| *Postal Item* | *A man zât ( ₹ in)* |
|---|---|
| Postcard pakhat | 0.50 |
| Postcard chhut chi | 6.00 |
| Inland Letter | 2.50 |
| Lehkha – | |
| i) 20 gram emaw a aia zâng | 5.00 |
| ii) a bak 20 gram zelah | 2.00 |
| Parcel – | |
| i) 50 gram emaw a aia zâng | 5.00 |
| ii) a bak 50 gram zelah | 3.00 |

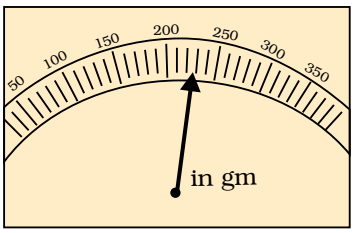


Lehkha thawn man chart in ziak khi en ula:

1. Lehkha 50 gram-a rit thawn turin stamp manah chêng eng zât nge i sên ang? _____
2. Aikhama chuan a ṭhiannu Rami Chennai-a awm hnenah Math Magic textbook parcel-in a thawn duh a. Lehkhabu chu 200g-a rit a ni a. Lehkhabu thawn tur hian thawn man eng zât nge chart aṭang khian zawng chhuak rawh. _____

3. Milema a rih zawng inziak hi chhiar la, hetianga rit parcel thawn tur hian a thawn man eng zât nge i hman ngai ang?

Zawng chhuak rawh.






Parcel rih zâwng = _____

Stamp man = _____

**Dâk stamp eng zât nge ngai?**



Rahul-a chuan parcel thawn turin stamp man atan ₹ 25 a mamawh a. Post Office ah a va kal a. Stamp ₹ 1, ₹ 2, ₹ 5 leh ₹ 10 man chi chauh an lo nei a. ₹ 25 ni turin chûng stamp-te chu kawng eng zâtin nge a lawr khawm ang?

Kawng ngain i entir thei em? ₹ 25 stamp hmanga parcel thawn theih rit ber eng nge ni?

**A ruala rih zâwng**

Uṭawk chu choak ka aṭanga chhuak turin nasa takin a tâl a. Engtin nge ka chhuah theih ang? tiin a ngaihtuah a. Thil ṭha tak a ngaihtuah chhuak ta a. Choak hnenah chuan chhiarkawp thiam tak i ni em, tiin a zawt a. Chhiarkawp thiam tak i nih chuan thil chhân tur ka zawt ang che a ti a.



Nang hi 650g a rit i ni a, keichu 145g chauh. Kan pahnihaa rih zâwng chu eng zat nge? tiin a zawt a.

Choak chu chhiarkawp thiam tak mai a ni a, lawm takin a zawhna chhâng tur chuan a ka chu a âng ta a. Eng thil in nge rawn zui? Choakin chhân a tumna zât chu eng nge ni le? ____

## Ka hrisel ṭha nge ka thau?

A hnuaia chart hian naupang kum 6 aṭanga kum 10 inkarte sân zâwng leh rih zâwng a lantir.





| *Hming* | *Kum* | *Sân zâwng* | *Rih zâwng* |
|---|---|---|---|
| Temshula | 6 | 3 feet, 7 inches | 16 kg |
| Sreekunth | 10 | 4 feet, 3 inches | 23 kg |
| Rabiya | 6 | 3 feet, 10 inches | 17 kg |
| Vineet | 8 | 3 feet, 11 inches | 19.5 kg |
| Kavita | 9 | 3 feet, 10 inches | 20 kg |

A hnuaia table siamah hian i ṭhian naupang pangate kum, sân zâwng leh rih zâwngte dah khat rawh.

| *Hming* | *Kum* | *Sân zâwng* | *Rih zâwng* |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

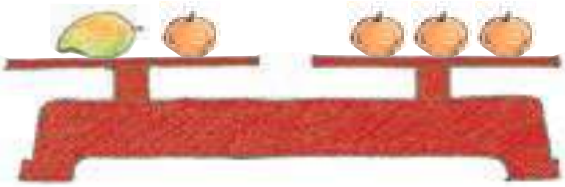


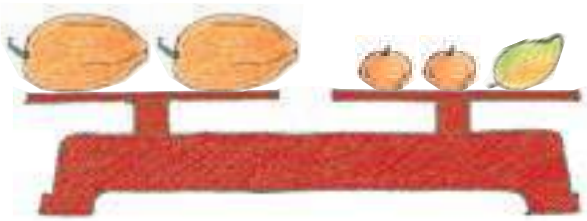
# Puzzle

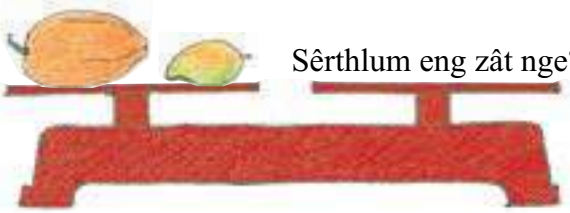
## Sêrthlum eng zat nge?

Sêrthlum zawng zawngte hi an rih zâwng a inang vek a. Thingfanghma pahnihte pawh hi an rih zâwng a inang. Bûkna hmasa leh a dawt chiahte hi inbûk tâwk ve ve an ni a.

A pathumnaah hian inbuk tâwk turin sêrthlum eng zât nge ngai ang?







Sêrthlum eng zât nge?

## Marble zawnna

Marble pathum a len lam inang chiah a awm a, mahse marble pakhat chu a dang pahnih ai chuan tlemin a rit deuh emaw zâng deuh emaw a ni a. Chu marble ber chu i zawng chhuak thei em? A rit zâwk nge a zâng zâwk? Bûkna vawi hnih chiah hemi zawng chhuak tur hian i hmang thei ang.

