

**STANDARDISED ASSESSMENT FOR ELEMENTARY SCHOOLS (SAFES): 2025 - 2026**  
**CLASS 5 MATHEMATICS (English Medium)**  
**ANSWER KEY**

| Q. No | Answer                                                                                                                                | Weightage |
|-------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1     | (b) 8 cm                                                                                                                              | 1         |
| 2     | (c) $15 \times 5$                                                                                                                     | 1         |
| 3     | (c) 96 sq. cm                                                                                                                         | 1         |
| 4     | (b) sq. cm                                                                                                                            | 1         |
| 5     | (d) 4cm                                                                                                                               | 1         |
| 6     | (a)cousin                                                                                                                             | 1         |
| 7     | (a) $1/2$                                                                                                                             | 1         |
| 8     | (c) Lala                                                                                                                              | 1         |
| 9     | (d) both a & b                                                                                                                        | 1         |
| 10    | (d) 28 glasses                                                                                                                        | 1         |
| 11    | (c) 62                                                                                                                                | 1         |
| 12    | (b) ₹ 500                                                                                                                             | 1         |
| 13    | (c) 4320                                                                                                                              | 1         |
| 14    | (d) 243                                                                                                                               | 1         |
| 15    | (b)2142                                                                                                                               | 1         |
| 16    | (d) 42 gram                                                                                                                           | 1         |
| 17    | (c) 500 g                                                                                                                             | 1         |
| 18    | (a) $1200 \text{ cm}^3$                                                                                                               | 1         |
| 19    | (a) All equal                                                                                                                         | 1         |
| 20    | (a) 12 litres                                                                                                                         | 1         |
| 21    | $2(l + b) = 2(12 + 9) = 42 \text{ cm}$                                                                                                | 2         |
| 22    | No. of rice cooked in a day = 7<br>No. of days in 2 weeks = $2 \times 7 = 14$<br>No. of rice cooked 2 weeks = $7 \times 14 = 98$ cups | 2         |
| 23    | Area of square is bigger                                                                                                              | 2         |
| 24    | O-grandfather<br> <br>O-father -----O- mother<br> <br>O- me                                                                           | 2         |
| 25    | (a) $\frac{2}{5}$ (b) 6                                                                                                               | 2 (1+1)   |
| 26    | $2500/2 = 1250$<br>$2500/10 = 250$<br>$=1250-250 = ₹ 1000$                                                                            | 2         |
| 27    | $20103 \div 5$<br>Q = 4020<br>R = 3                                                                                                   | 2 (1+1)   |
| 28    | $352/8=44$                                                                                                                            | 2         |
| 29    | Duhi earns ₹ 400<br>Husband earns double = $400 \times 2 = ₹ 800$<br>In 6 days husband earns = $800 \times 6 = ₹ 4800$                | 2         |
| 30    | $250 \times 9 = 2250 \text{ kilogram}$                                                                                                | 2         |
| 31    | 600 g                                                                                                                                 | 2         |

|    |                                                                                                                                                                                                                                                                                      |               |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 32 | Rectangle A: $4\text{ cm} \times 8\text{ cm} = 32\text{ sq. cm}$<br>Rectangle A: $5\text{ cm} \times 7\text{ cm} = 35\text{ sq. cm}$<br>B is bigger = $(35 - 32)\text{sq. cm} = 3\text{ sq. cm}$                                                                                     | 3 (1.5+1.5)   |
| 33 | Area of land = $21\text{ m} \times 17\text{ m} = 357\text{ sq. m}$<br>Share of each person = $357\text{ sq. m} \div 3 = 119\text{ sq. m}$                                                                                                                                            | 3             |
| 34 | $3500 \times 1560 = 5460000\text{ sq. cm}$                                                                                                                                                                                                                                           | 3 (1.5+1.5)   |
| 35 |                                                                                                                                                                                                     | 3             |
| 36 | (a) $\frac{1}{8}$ (b) No (c) Orange                                                                                                                                                                                                                                                  | 3 (1+1+1)     |
| 37 | ₹5000                                                                                                                                                                                                                                                                                | 3             |
| 38 | $500 \times 25 = 12500\text{ litre}$                                                                                                                                                                                                                                                 | 3             |
| 39 | Sum borrowed = ₹ 57600<br>Monthly payment = ₹ 1600<br>No. of months to clear debt = $57600 \div 1600$<br>= 36 months $\div 12 = 3\text{ years}$                                                                                                                                      | 3             |
| 40 | No. of coins in 1 <sup>st</sup> bag = $18 \times 1000/9 = 2000$<br>No. of coins in 2 <sup>nd</sup> bag = $54 \times 1000/9 = 6000$<br>Total = 8000 coins                                                                                                                             | 3             |
| 41 | $5 - 2.75 = 2.25\text{ litre} = 2250\text{ millilitre}$                                                                                                                                                                                                                              | 3             |
| 42 | No. of cubes in a row = 3<br>No. of cubes in a stack = $3 \times 3 = 9$<br>No. of cubes in 3 stacks = $3 \times 9 = 27$                                                                                                                                                              | 3             |
| 43 | Perimeter = $2(L + W)$<br>$280 = 2(L + 45)$<br>$L + 45 = 140$<br>$L = 95\text{ metres}$<br>The length of the garden is 95 metres                                                                                                                                                     | 5 (2+3)       |
| 44 | Room area = $20 \times 20\text{ sq.m}$<br>= $2000\text{ sq.cm} \times 2000\text{ sq.cm} = 4000000\text{ sq.cm}$<br>Tile area = $400\text{ cm} \times 400\text{ cm} = 160000\text{ sq.cm}$<br>$4000000/160000 = \text{Tiles } 25$                                                     | 5 (2+3)       |
| 45 | (a) (v) $20 - 25$ (b) (ii) $3\text{ cm}$ (c) $2\text{ cm}$<br>(d) $3\text{ cm}$ (e) $10\text{ cm}$                                                                                                                                                                                   | 5 (1+1+1+1+1) |
| 46 | January total earnings = $31 \times ₹ 575 = ₹ 17825$<br>February total earnings = $28 \times 590 = ₹ 16520$<br>He earned more in March<br>Earning difference = $₹ 17825 - ₹ 16520 = ₹ 1305$                                                                                          | 5 (2+2+1)     |
| 47 | Volume of larger box = $15\text{ ft} \times 8\text{ ft} \times 12\text{ ft}$<br>= $1440\text{ cu. ft}$<br>Volume of smaller box = $2\text{ ft} \times 2\text{ ft} \times 2\text{ ft}$<br>= $8\text{ cu. ft}$<br>No. of smaller box fitted in the larger box = $1440 \div 8$<br>= 180 | 5 (2+2+1)     |

**STANDARDISED ASSESSMENT FOR ELEMENTARY SCHOOLS (SAFES): 2025 - 2026**  
**CLASS 5 MATHEMATICS (Mizo Medium)**  
**ANSWER KEY**

| Q. No | Answer                                                                                                                                | Weightage |
|-------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1     | (b) 8 cm                                                                                                                              | 1         |
| 2     | (c) $15 \times 5$                                                                                                                     | 1         |
| 3     | (c) 96 sq. cm                                                                                                                         | 1         |
| 4     | (b) sq. cm                                                                                                                            | 1         |
| 5     | (d) 4cm                                                                                                                               | 1         |
| 6     | (a)cousin                                                                                                                             | 1         |
| 7     | (a) $1/2$                                                                                                                             | 1         |
| 8     | (c) Lala                                                                                                                              | 1         |
| 9     | (d) both a & b                                                                                                                        | 1         |
| 10    | (d) 28 glasses                                                                                                                        | 1         |
| 11    | (c) 62                                                                                                                                | 1         |
| 12    | (b) ₹ 500                                                                                                                             | 1         |
| 13    | (c) 4320                                                                                                                              | 1         |
| 14    | (d) 243                                                                                                                               | 1         |
| 15    | (b)2142                                                                                                                               | 1         |
| 16    | (d) 42 gram                                                                                                                           | 1         |
| 17    | (c) 500 g                                                                                                                             | 1         |
| 18    | (a) $1200 \text{ cm}^3$                                                                                                               | 1         |
| 19    | (a) All equal                                                                                                                         | 1         |
| 20    | (c) 24 litres                                                                                                                         | 1         |
| 21    | $2(l + b) = 2(12 + 9) = 42 \text{ cm}$                                                                                                | 2         |
| 22    | No. of rice cooked in a day = 7<br>No. of days in 2 weeks = $2 \times 7 = 14$<br>No. of rice cooked 2 weeks = $7 \times 14 = 98$ cups | 2         |
| 23    | Area of square is bigger                                                                                                              | 2         |
| 24    | O-grandfather<br> <br>O-father -----O- mother<br> <br>O- me                                                                           | 2         |
| 25    | (a) $\frac{2}{5}$ (b) 6                                                                                                               | 2 (1+1)   |
| 26    | $2500/2 = 1250$<br>$2500/10 = 250$<br>$=1250-250 = ₹ 1000$                                                                            | 2         |
| 27    | $20103 \div 5$<br>Q = 4020<br>R = 3                                                                                                   | 2 (1+1)   |
| 28    | $352/8=44$                                                                                                                            | 2         |
| 29    | Duhi earns ₹ 400<br>Husband earns double = $400 \times 2 = ₹ 800$<br>In 6 days husband earns = $800 \times 6 = ₹ 4800$                | 2         |
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| 33 | Area of land = $21\text{ m} \times 17\text{ m} = 357\text{ sq. m}$<br>Share of each person = $357\text{ sq. m} \div 3 = 119\text{ sq. m}$                                                                                                                                            | 3             |
| 34 | $3500 \times 1560 = 5460000\text{ sq. cm}$                                                                                                                                                                                                                                           | 3 (1.5+1.5)   |
| 35 |                                                                                                                                                                                                     | 3             |
| 36 | (a) $\frac{1}{8}$ (b) No (c) Orange                                                                                                                                                                                                                                                  | 3 (1+1+1)     |
| 37 | ₹5000                                                                                                                                                                                                                                                                                | 3             |
| 38 | $500 \times 25 = 12500\text{ litre}$                                                                                                                                                                                                                                                 | 3             |
| 39 | Sum borrowed = ₹ 57600<br>Monthly payment = ₹ 1600<br>No. of months to clear debt = $57600 \div 1600$<br>= 36 months $\div 12 = 3\text{ years}$                                                                                                                                      | 3             |
| 40 | No. of coins in 1 <sup>st</sup> bag = $18 \times 1000/9 = 2000$<br>No. of coins in 2 <sup>nd</sup> bag = $54 \times 1000/9 = 6000$<br>Total = 8000 coins                                                                                                                             | 3             |
| 41 | $5 - 2.75 = 2.25\text{ litre} = 2250\text{ millilitre}$                                                                                                                                                                                                                              | 3             |
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| 45 | (a) (v) $20 - 25$ (b) (ii) $3\text{ cm}$ (c) $2\text{ cm}$<br>(d) $3\text{ cm}$ (e) $10\text{ cm}$                                                                                                                                                                                   | 5 (1+1+1+1+1) |
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