

1. Choose the correct answer.

1. $5 + \frac{3}{4} =$ _____

A. $6\frac{3}{4}$

B. $6\frac{2}{4}$

C. $6\frac{2}{3}$

D. $5\frac{3}{4}$

2. The surface area of the rectangular prism is _____

A. $l + w + h$

B. $l \times w \times h$

C. $2l + 2w + 2h$

D. $2 \times (lw + lh + wh)$

3. 25% of a number = 120, then this number = _____

A. 30

B. 2.5

C. 480

D. 360

4. The image of the point $(-2, -5)$ by reflection across the x-axis is the point _____

A. $(-2, 5)$

B. $(2, 5)$

C. $(2, -5)$

D. $(-2, -5)$

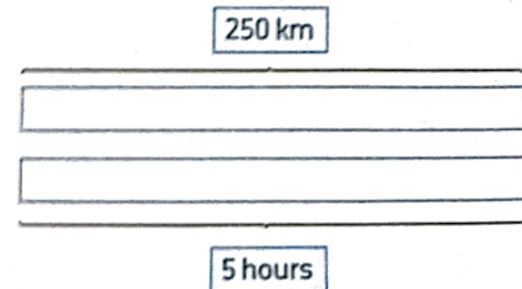
5. The unit rate of the opposite tape diagram is _____

A. 250 km per 5 hours

B. 50 km per hour

C. 55 km per 2 hour

D. 100 km per 2 hours



6. 65% of 44 _____ 44% of 65

A. $<$

B. $>$

C. $=$

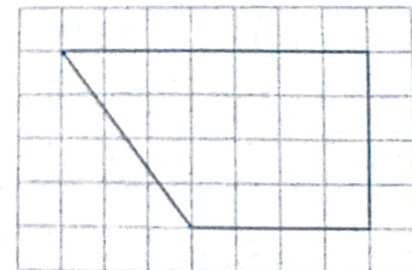
7. The area of the opposite trapezium = _____ square units.

A. $28 - 6$

B. $28 + 6$

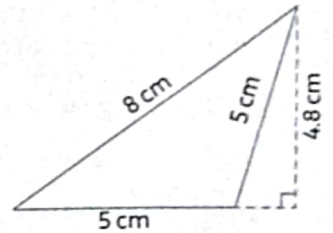
C. $16 + 12$

D. $16 - 12$



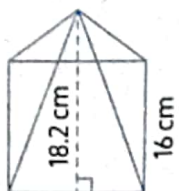
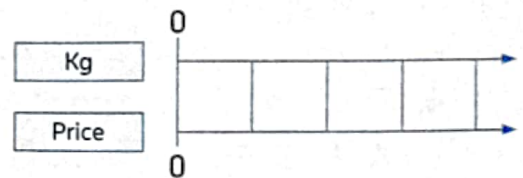
2. Complete the following.

- $240 : 300 = \text{---} \text{ to } \text{---}$ (in simplest form)
- The point $(2, 0)$ lies on the --- -axis
- If the price of a T.V set is 18,000 L.E., then 1% of its price = --- L.E.
- The volume of a cuboid, if all its dimensions are equal and each one equals 15 cm is --- cm^3
- The point $(0, -4)$ is the image of itself by reflection across --- -axis
- The area of the opposite triangle = ---
- If $\frac{8}{x}$ is equivalent to $\frac{1}{2}$, then $x = \text{---}$
- $\text{---} \times \frac{2}{7} = \frac{4}{21}$



3. Choose the correct answer.

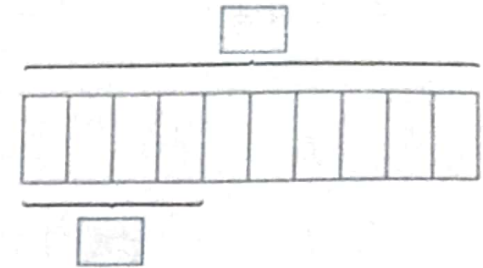
- If $\frac{x+1}{4} = 25\%$, then $x = \text{---}$
 A. 1 B. 2 C. 3 D. 0
- If the ratio between a and b is 1:4 and the sum of a and b is 25, then $b = \text{---}$
 A. 16 B. 4 C. 5 D. 20
- 20% of a number = --- % of half of the same number.
 A. 10 B. 20 C. 30 D. 40
- From the opposite double number line
 If the price of one kilogram of orange is 15 L.E. then the price of 4 kg is --- L.E.
 A. $3\frac{3}{4}$ B. 30 C. 90 D. 60
- The two bases of a parallelogram are 8 cm, 6 cm and the smaller height is 5 cm, then area = --- cm^2
 A. 30 B. 40 C. 48 D. 24
- $0.45 \times 3.5 = 4.5 \times \text{---}$
 A. 35 B. 3.5 C. 0.35 D. 0.035
- The surface area of the opposite square-based pyramid is --- cm^2
 A. 886.4 B. 838.4
 C. 834.8 D. 388.4



4. Answer the following :

- a. Suppose a particular caracal weighs 30.5 kilograms.
How many grams does the caracal weight ?

- b. If 40% of a number is 140
find that number by using
the opposite tape diagram.



- c. Find the missing numbers in the opposite ratio table.

| | | | | |
|------|---|---|---|-----|
| kg | 1 | 2 | 3 | 4 |
| L.E. | — | — | — | 200 |

- d. Graph the points A $(-3, 3)$
, B $(2, 3)$ and D $(-3, -1)$
, then find the point C
which makes ABCD is
a rectangle

