

I. Fill in the blanks:

1. Base    2. Divide    3. Parallelogram    4.  $b \times h$     5. Square

II. Answer the following:

6. Area of parallelogram =  $b \times h$  sq. units.

$$24 = b \times h$$

$$\frac{24}{6} = b$$

$$4 = b \quad b = 4\text{cm}$$

7. Area of triangle = 10 sq. units.

$$\frac{1}{2} \times b \times h = 10$$

$$\frac{1}{2} \times BC \times 2.5 = 10$$

$$BC = \frac{10 \times 2}{2.5} \quad BC = 8\text{cm}$$

$$\begin{aligned} \text{8. Area of triangle} &= \frac{1}{2} \times b \times h \\ &= \frac{1}{2} \times 5 \times 3.2 \\ &= \frac{16.0}{2} \end{aligned}$$

$8\text{cm}^2$

9. Area of triangle =  $\frac{1}{2} \times PR \times QM$

$$25 = \frac{1}{2} \times 8 \times QM$$

$$QM = \frac{25 \times 2}{8}$$

$$QM = \frac{50}{8} \quad QM = 6.2\text{m}$$

10. Area of the parallelogram =  $b \times h$

$$= 4.8 \times 5 \quad 24.0\text{m}^2$$