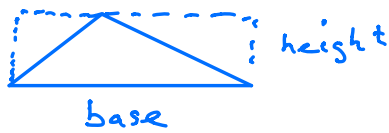
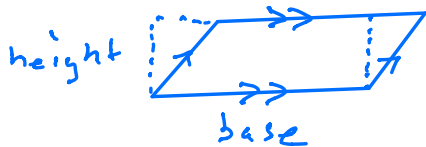


## Area of Triangle



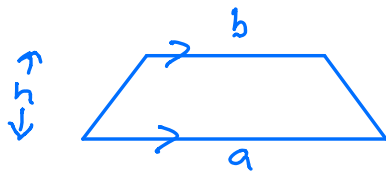
$$\text{Area} = \frac{\text{base} \times \text{height}}{2}$$

## Area of a Parallelogram



$$\text{Area} = \text{base} \times \text{height}$$

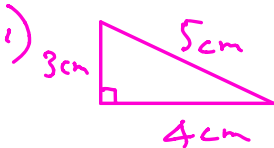
## Area of a Trapezium



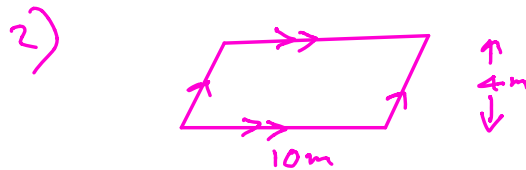
$$\text{Area} = \frac{(a+b)h}{2}$$

## Examples

Find Areas

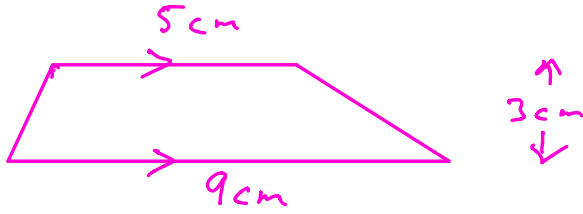


$$\begin{aligned} \text{Area} &= \frac{\text{base} \times \text{height}}{2} \\ &= \frac{4 \times 3}{2} \\ &= 6 \text{ cm}^2 \end{aligned}$$



$$\begin{aligned} \text{Area} &= \text{base} \times \text{height} \\ &= 10 \times 4 \\ &= 40 \text{ m}^2 \end{aligned}$$

3)



$$\begin{aligned} \text{Area} &= \frac{(a+b)h}{2} = \frac{(9+5) \times 3}{2} = \frac{14 \times 3}{2} = 21 \\ &= 21 \text{ cm}^2 \end{aligned}$$