

# Parallelograms and Trapezia

Grade D

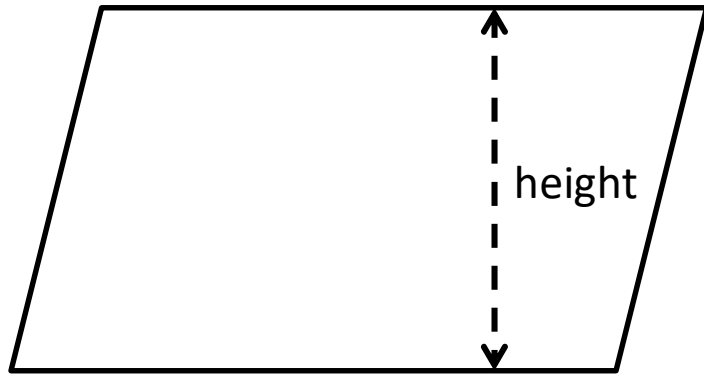
08/01/2021

## Learning Objectives

- Able to calculate the area of triangles
- Able to calculate the area of parallelograms and trapezia

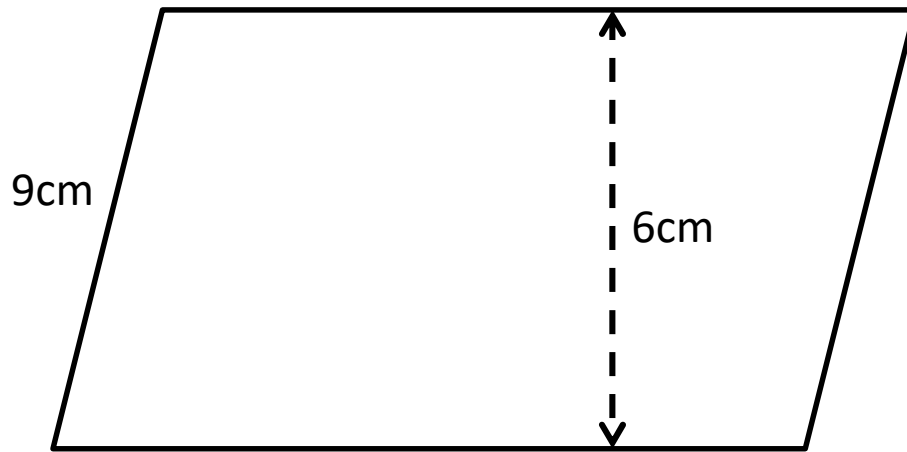


# Area of a Parallelogram



Base

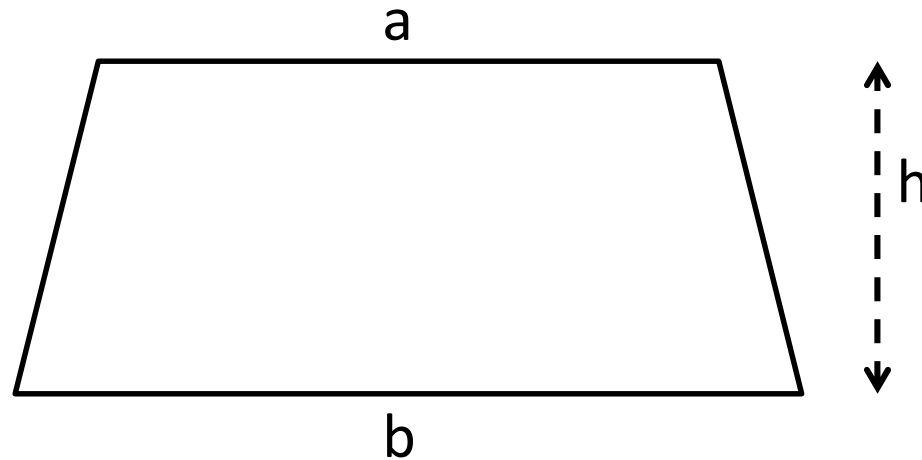
Area of Parallelogram = base x perpendicular  
height



12cm

$$\begin{aligned}\text{Area} &= 6 \times 12 \\ &= 72\text{cm}^2\end{aligned}$$

# Area of a Trapezium



$$\text{Area of Trapezium} = \frac{1}{2} (a + b) \times h$$

a and b are the **parallel** sides

# Starter

- Calculate the area of these trapezia.

