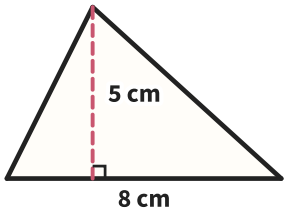
Area of 2D Shapes

1

Work out the area of this triangle.



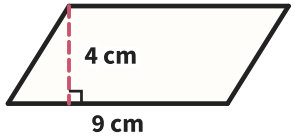
A = ½ × base × height

A = ½ × 8 × 5 =

Answer _____

2

Work out the area of this parallelogram.

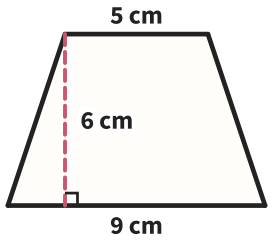


A = base × height

Answer _____

3

Work out the area of this trapezium.

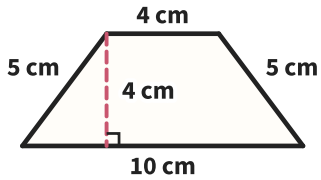


A = ½ × (a + b) × height

Answer _____

4

Work out the area of this trapezium.

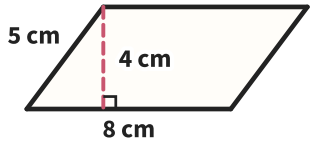


A = ½ × (a + b) × height

Answer _____

5

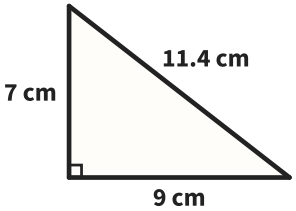
Work out the area of this parallelogram.



Answer _____

6

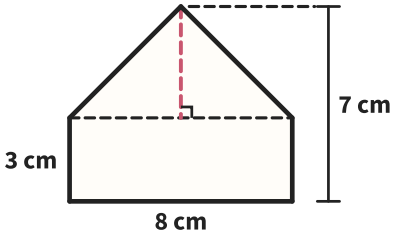
Work out the area of this right-angled triangle.



Answer _____

7

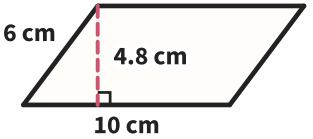
This shape is a rectangle with a triangle on top. Work out its area.



Answer _____

8

Maya says the area of this parallelogram is $10 \times 6 = 60\ cm^2$. Explain Maya's mistake, and work out the right area.

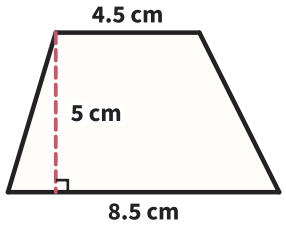


Answer _____

Area of 2D Shapes *further practice*

9

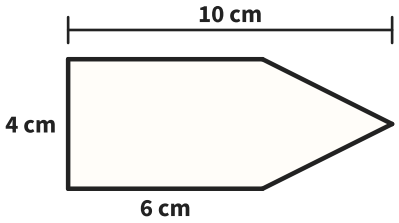
Work out the area of this trapezium.



Answer _____

10

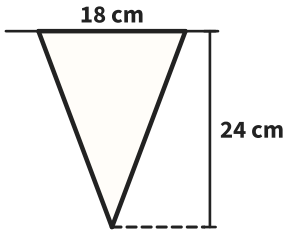
A direction sign is a rectangle with a triangle on one end. Work out its area.



Answer _____

11

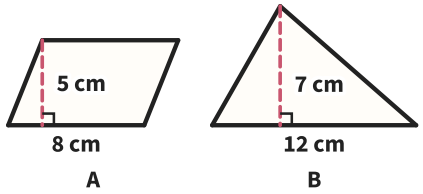
A flag on some bunting is a triangle 18 cm across the top and 24 cm from the top to its point. Work out the area of the flag.



Answer _____

12

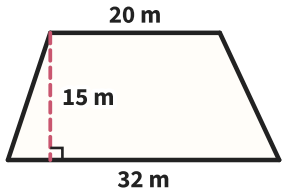
Which shape has the bigger area, A or B? By how much?



Answer _____

13

A section of a car park is a trapezium. Work out its area.



Answer _____

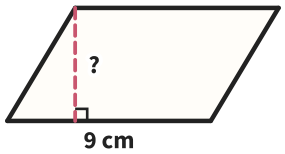
14

A kitchen splashback is a rectangle 2.4 m long and 0.5 m high. Tiles cost £18 per m^2. How much do the tiles for the splashback cost?

Answer _____

15

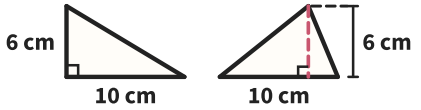
This parallelogram has an area of 45 cm^2. Work out its perpendicular height.



Answer _____

16

Tomasz says the second triangle has the bigger area because it leans over more. Is he right? Explain.



Answer _____