Secret Formula

Activity Sheet

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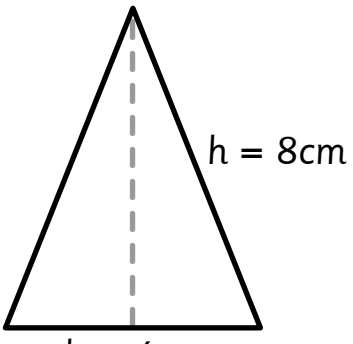
Name: _____ Class: _____

Use the formula to find the area of these shapes.

1

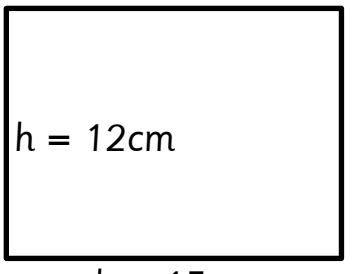


What is the area of this triangle?

Formula $A = \frac{1}{2} \times b \times h$

Area = **16cm²**

2

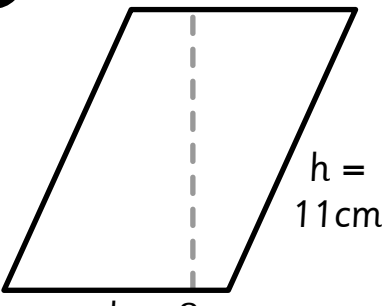


What is the area of this rectangle?

Formula $A = b \times h$

Area = **180cm²**

3



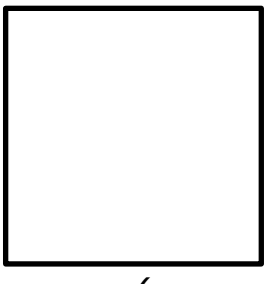
What is the area of this parallelogram?

Formula $A = b \times h$

Area = **88cm²**

Use the formula to find the volume of these shapes.

4

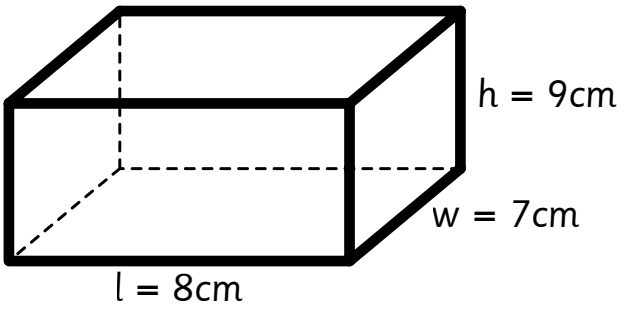


What is the volume of this cube?

Formula $V = a^3$

Volume = **216cm³**

5



What is the volume of this cuboid?

Formula $V = l \times w \times h$

Volume = **504cm³**

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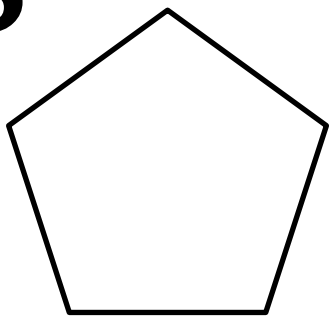
Use the formula to find the perimeter of these shapes.

6



12cm

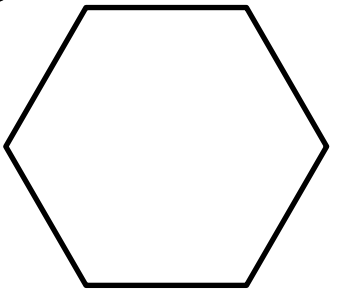
What is the perimeter of this pentagon?

Formula where n = number of sides

$P = n \times l$

Perimeter = **60cm**

7



13cm

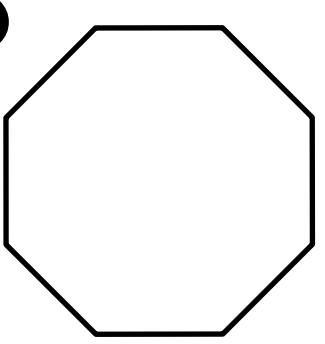
What is the perimeter of this hexagon?

Formula where n = number of sides

$P = n \times l$

Perimeter = **78cm**

8



15cm

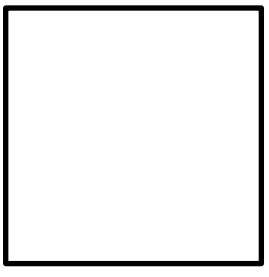
What is the perimeter of this octagon?

Formula where n = number of sides

$P = n \times l$

Perimeter = **120cm**

9



20cm

What is the perimeter of this square?

Formula where n = number of sides

$P = n \times l$

Perimeter = **80cm**

10

w = 15cm

l = 25cm

What is the perimeter of this rectangle?

Formula where n = number of sides

$P = 2(w + l)$

Perimeter = **80cm**

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