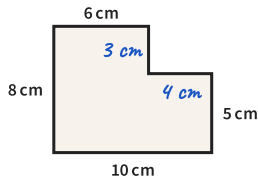


Perimeter of Compound Shapes

ANSWERS

1

Find the perimeter of the shape.

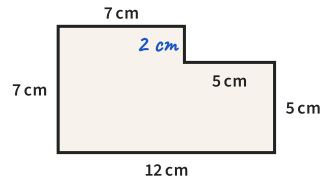


$$10 + 5 + 4 + 3 + 6 + 8 = 36$$

Perimeter 36 cm

2

Find the perimeter of the shape.

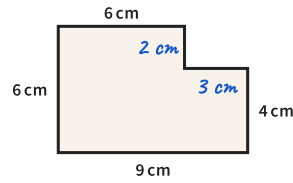


$$12 + 5 + 2 + 7 + 7 = 38$$

Perimeter 38 cm

3

Find the perimeter of the shape.

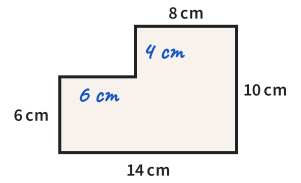


$$9 + 4 + 3 + 2 + 6 + 6 = 30$$

Perimeter 30 cm

4

Find the perimeter of the shape.

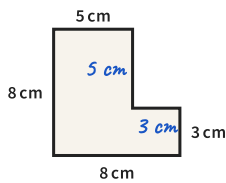


$$14 + 6 + 6 + 4 + 8 + 10 = 48$$

Perimeter 48 cm

5

Find the perimeter of the shape.

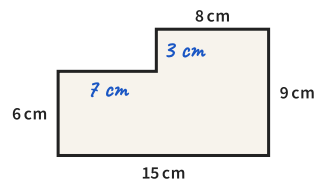


$$8 + 3 + 3 + 5 + 5 + 8 = 32$$

Perimeter 32 cm

6

Find the perimeter of the shape.



$$15 + 6 + 7 + 3 + 8 + 9 = 48$$

Perimeter 48 cm

7

A rectangle has a perimeter of 30 cm. Its length is 9 cm. Find its width.

$$30 \div 2 = 15, \text{ then } 15 - 9$$

Answer 6 cm

8

A square has a perimeter of 36 cm. Find its area.

$$\text{each side is } 9 \text{ cm}$$

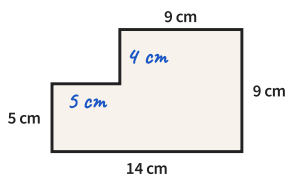
Answer 81 cm²

Perimeter of Compound Shapes further practice

ANSWERS

9

Find the perimeter of the shape.

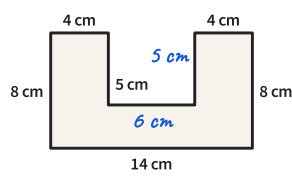


$$14 + 5 + 5 + 4 + 9 + 9 = 46$$

Perimeter 46 cm

10

Find the perimeter of the shape.

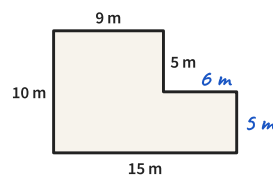


$$14 + 8 + 4 + 5 + 6 + 5 + 4 + 8 = 54$$

Perimeter 54 cm

11

Fencing costs £9 per metre. Work out the cost of fencing all the way round this garden.

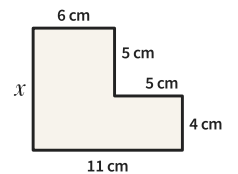


$$\text{perimeter } 50 \text{ m, then } \times 9$$

Answer £450

12

The perimeter of this shape is 40 cm. Work out the length marked x.

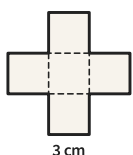


$$40 - (11 + 4 + 5 + 5 + 6)$$

Answer x = 9 cm

13

This shape is made from five squares with sides of 3 cm. Find its perimeter.

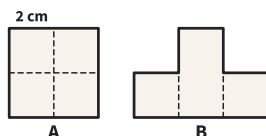


$$12 \text{ sides} \times 3$$

Perimeter 36 cm

14

Shapes A and B are each made from four squares with sides of 2 cm. Which shape has the longer perimeter? By how much?

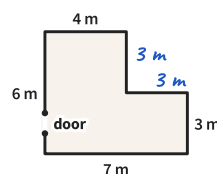


$$A = 16 \text{ cm}, B = 20 \text{ cm}$$

Answer B, by 4 cm

15

Skirting board goes all round the edge of this room, except across the doorway, which is 1 m wide. How much skirting board is needed?

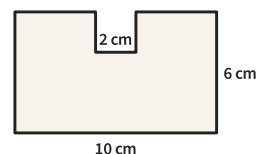


$$\text{perimeter } 26 \text{ m} - 1 \text{ m}$$

Answer 25 m

16

Ivy cuts a 2 cm by 2 cm square from the middle of one long side of a 10 cm by 6 cm rectangle. She says the perimeter stays the same. Is Ivy right? Explain.



$$32 \text{ cm before, } 36 \text{ cm after}$$

Answer No, it goes up by 4 cm