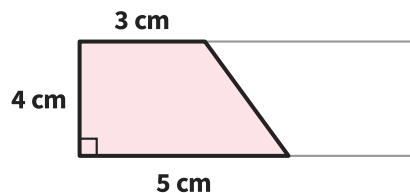


Area of a Trapezium

ANSWERS

1

Work out the area of the trapezium.



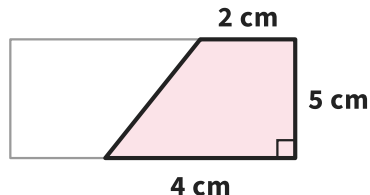
$$3 + 5 = 8$$

$$8 \times 4 = 32$$

$$A = 32 \div 2 = 16 \text{ cm}^2$$

2

Work out the area of the trapezium.



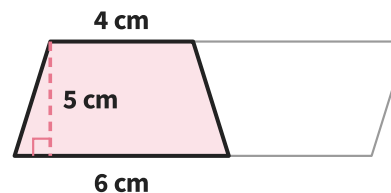
$$2 + 4 = 6$$

$$6 \times 5 = 30$$

$$A = 30 \div 2 = 15 \text{ cm}^2$$

3

Work out the area of the trapezium.



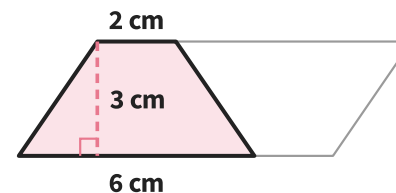
$$4 + 6 = 10$$

$$10 \times 5 = 50$$

$$A = 50 \div 2 = 25 \text{ cm}^2$$

4

Work out the area of the trapezium.



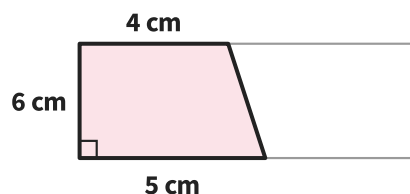
$$2 + 6 = 8$$

$$8 \times 3 = 24$$

$$A = 24 \div 2 = 12 \text{ cm}^2$$

5

Work out the area of the trapezium.



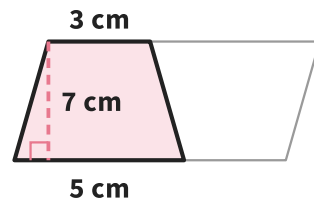
$$4 + 5 = 9$$

$$9 \times 6 = 54$$

$$A = 54 \div 2 = 27 \text{ cm}^2$$

6

Work out the area of the trapezium.



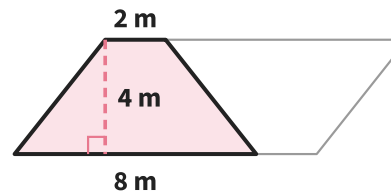
$$3 + 5 = 8$$

$$8 \times 7 = 56$$

$$A = 56 \div 2 = 28 \text{ cm}^2$$

7

A garden is a trapezium.
Work out its area.



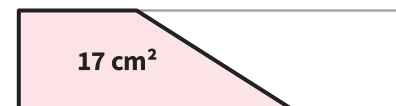
$$2 + 8 = 10$$

$$10 \times 4 = 40$$

$$A = 40 \div 2 = 20 \text{ m}^2$$

8

Two of these trapeziums make the rectangle. One has an area of 17 cm^2 . Work out the area of the rectangle.



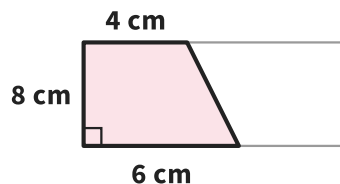
$$A = 34 \div 2 = 17 \text{ cm}^2$$

Area of a Trapezium *further practice*

ANSWERS

9

Work out the area of the trapezium.



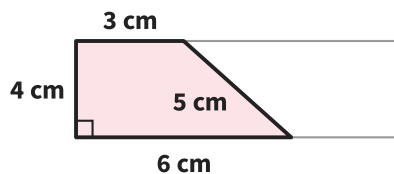
$$4 + 6 = 10$$

$$10 \times 8 = 80$$

$$A = 80 \div 2 = 40 \text{ cm}^2$$

10

Work out the area of the trapezium.



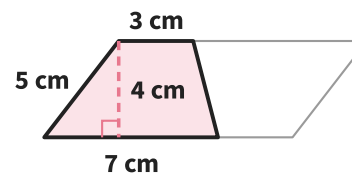
$$3 + 6 = 9$$

$$9 \times 4 = 36$$

$$A = 36 \div 2 = 18 \text{ cm}^2$$

11

Work out the area of the trapezium.



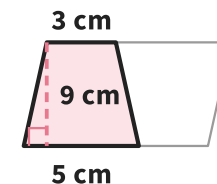
$$3 + 7 = 10$$

$$10 \times 4 = 40$$

$$A = 40 \div 2 = 20 \text{ cm}^2$$

12

A sign is a trapezium. Work out its area.



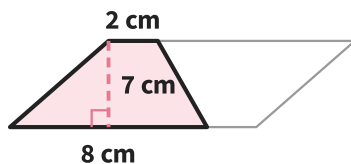
$$3 + 5 = 8$$

$$8 \times 9 = 72$$

$$A = 72 \div 2 = 36 \text{ cm}^2$$

13

Work out the area of the trapezium.



$$2 + 8 = 10$$

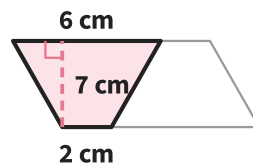
$$10 \times 7 = 70$$

$$70 \div 2 = 35$$

Answer 35 cm²

14

Work out the area of the trapezium.



$$2 + 6 = 8$$

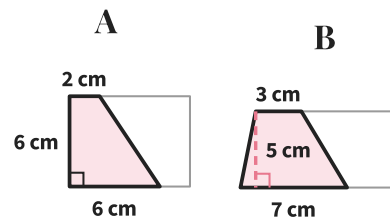
$$8 \times 7 = 56$$

$$56 \div 2 = 28$$

Answer 28 cm²

15

Which trapezium has the bigger area, A or B?



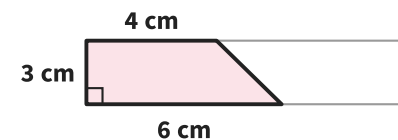
Area of A 24 cm²

Area of B 25 cm²

Answer B

16

Priya says the area is $(4 + 6) \times 3 = 30 \text{ cm}^2$. What has she done wrong?



Priya has forgotten to divide by 2.

The area of the trapezium is 15 cm².