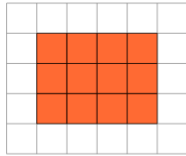


Solve array and area multiplication problems

1

Find the area of the shape on this grid of 1x1 squares



A 20

B 2

C 7

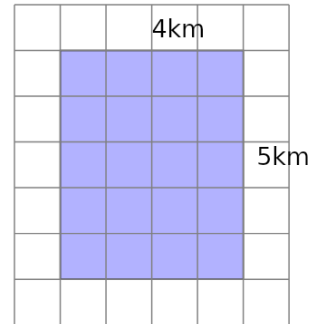
D 13

E 12

F 19

2

What expression would help you find the number of 1km by 1km squares this rectangle covers



A

$$A = \frac{4 + 5}{2}$$

B

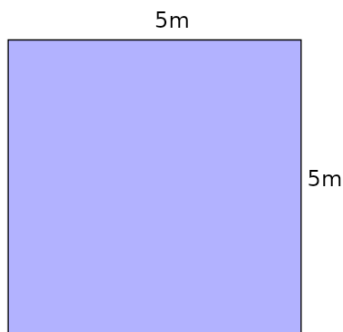
$$A = 2 \times (4 + 5)$$

C

$$A = 4 \times 5$$

3

What expression would help you find the area of this rectangle?



A

$$A = 2 \times (5 + 5)$$

B

$$A = 5 \times 5$$

C

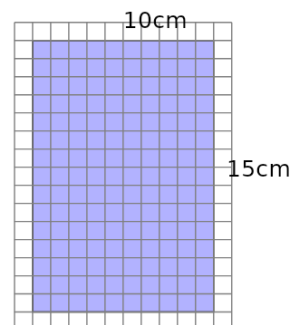
$$A = \frac{5 \times 5}{2}$$

D

$$A = 5 + 5$$

4

What expression would help you find the number of 1cm by 1cm squares this rectangle covers



A

$$A = 10 \times 15$$

B

$$A = 10 + 15$$

C

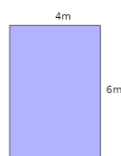
$$A = 2 \times (10 + 15)$$

D

$$A = \frac{10 \times 15}{2}$$

5

Find the area of this rectangle



A

$$20\text{m}^2$$

B

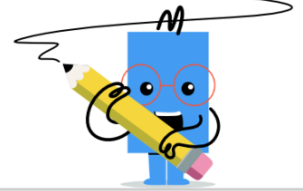
$$12\text{m}^2$$

C

$$8\text{m}^2$$

D

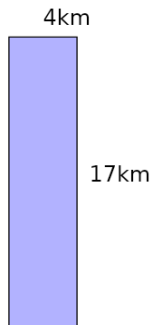
$$24\text{m}^2$$



Solve array and area multiplication problems

6

What expression would help you find the area of this rectangle?



A

$$A = 4 + 17$$

B

$$A = 4 \times 17$$

C

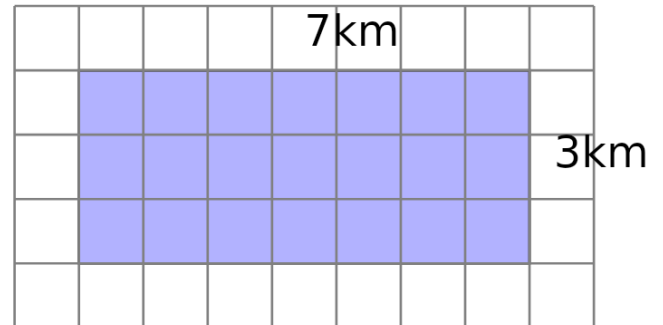
$$A = 2 \times (4 + 17)$$

D

$$A = \frac{4 \times 17}{2}$$

7

Find the number of 1km by 1km squares this rectangle covers



A

$$70\text{km}^2$$

B

$$21\text{km}^2$$

C

$$63\text{km}^2$$

D

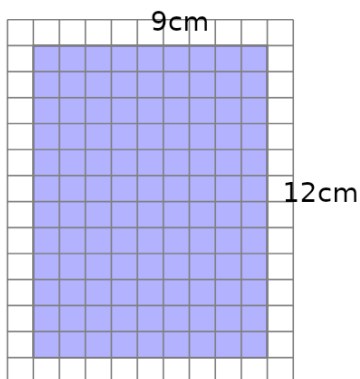
$$14\text{km}^2$$

E

$$20\text{km}^2$$

8

Find the number of 1cm by 1cm squares this rectangle covers



A

$$18\text{cm}^2$$

B

$$108\text{cm}^2$$

C

$$130\text{cm}^2$$

D

$$21\text{cm}^2$$

E

$$42\text{cm}^2$$

9

What is the area of a shape with these dimensions?

Rectangle

width : 2cm

height : 8cm

A

$$55\text{cm}^2$$

B

$$16\text{cm}^2$$

C

$$4\text{cm}^2$$

D

$$20\text{cm}^2$$

10

What shape would have this area?

$$A = 8\text{cm}^2$$

A

Rectangle

width : 5cm

height : 3cm

B

Rectangle

width : 4cm

height : 2cm