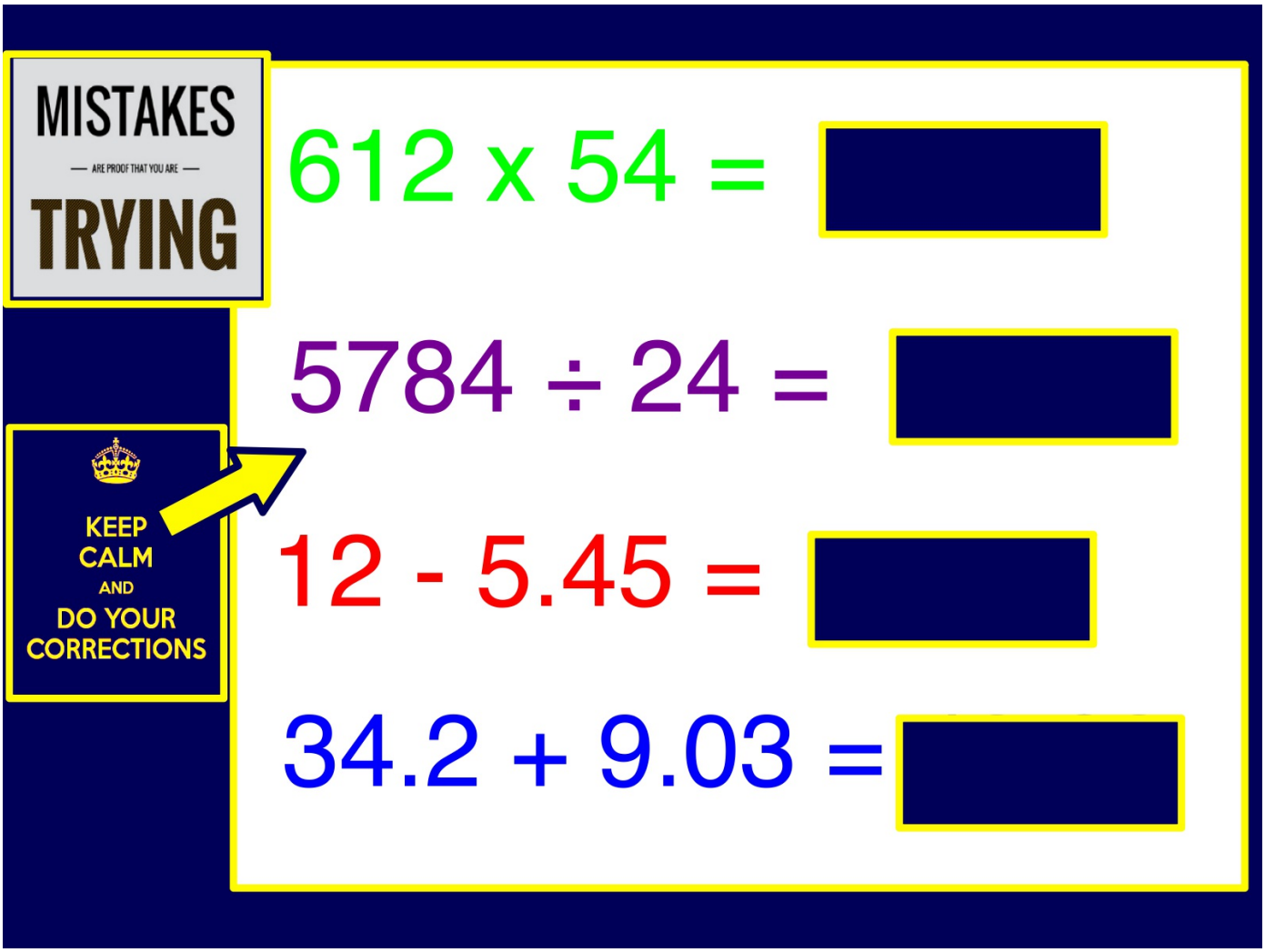
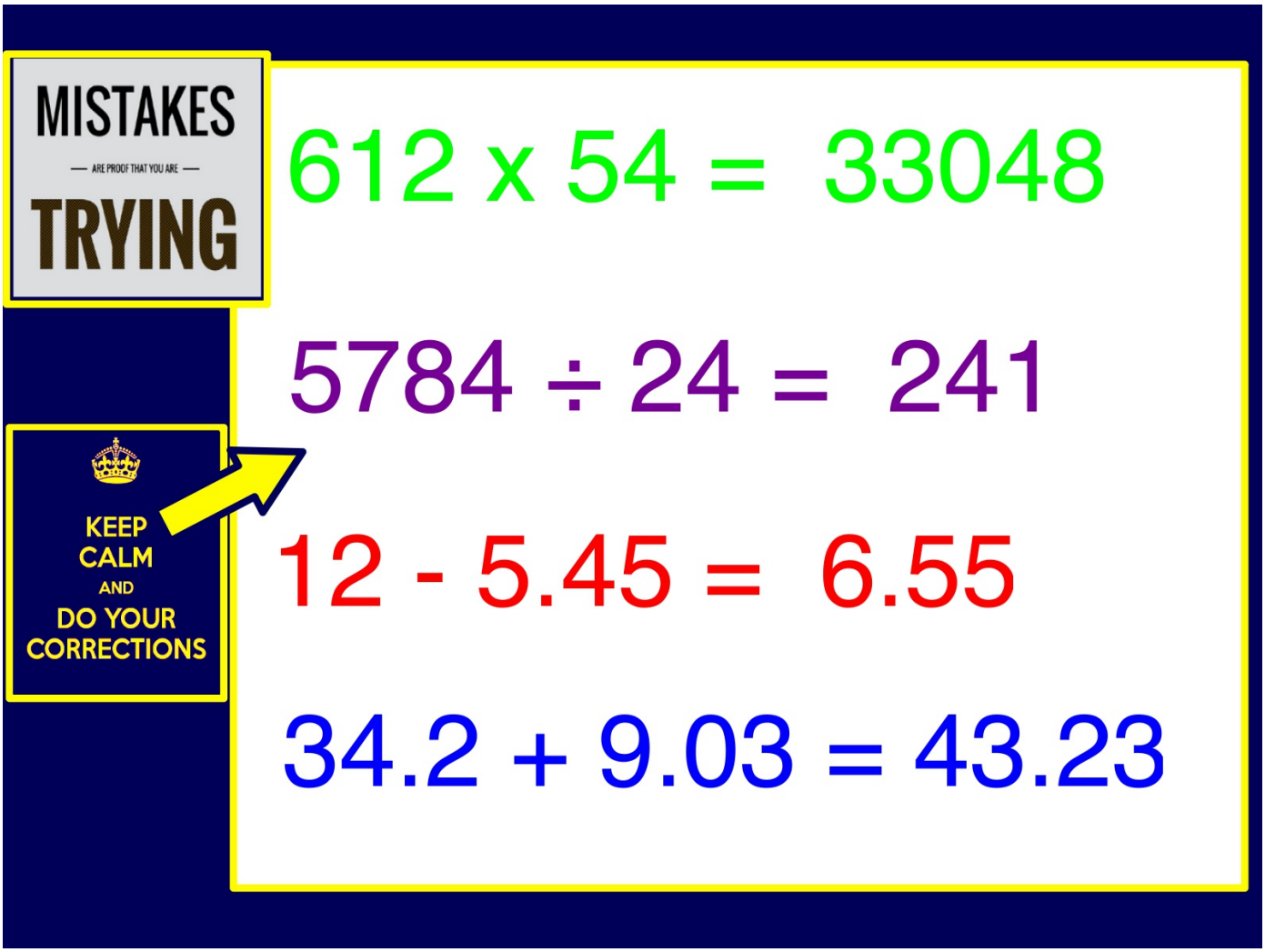
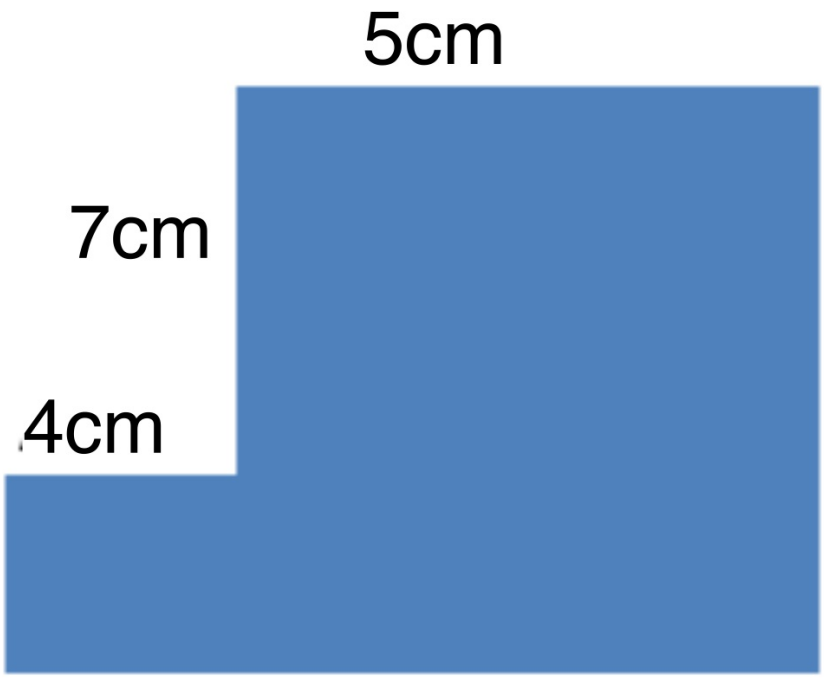

MISTAKES
— ARE PROOF THAT YOU ARE —
TRYING
612 x 54 =
5784 ÷ 24 =
12 - 5.45 =
34.2 + 9.03 =
KEEP
CALM
AND
DO YOUR
CORRECTIONS


MISTAKES
— ARE PROOF THAT YOU ARE —
TRYING
612 x 54 = 33048
5784 ÷ 24 = 241
KEEP
CALM
AND
DO YOUR
CORRECTIONS
12 - 5.45 = 6.55
34.2 + 9.03 = 43.23

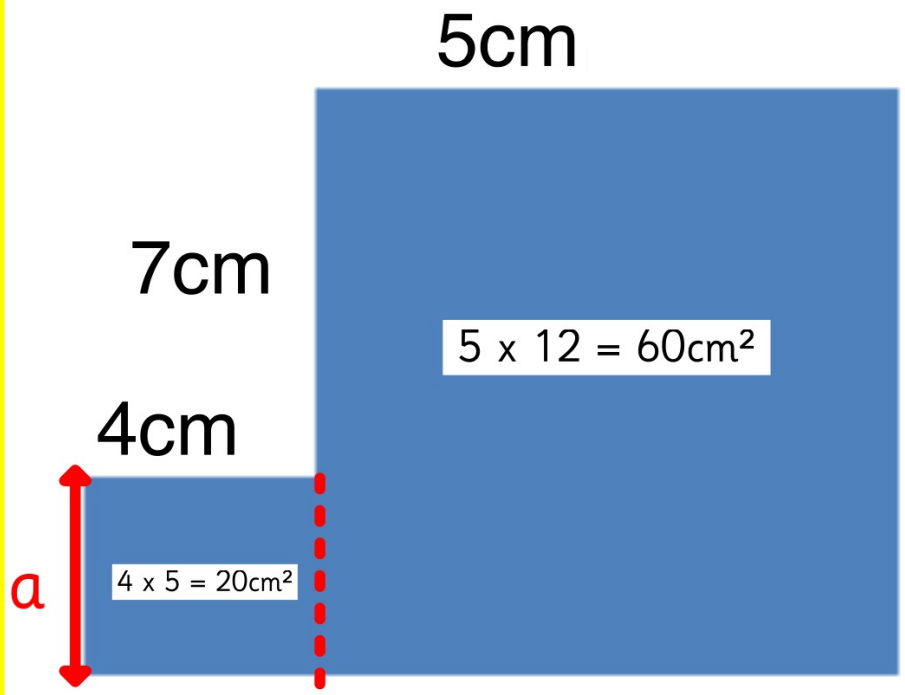
Work out the area and perimeter of this compound shape.



GIVE IT a go!

x 12 = 60

Work out the area and perimeter of this compound shape.



a) 12 - 7 = 5cm

a = 5cm

Area

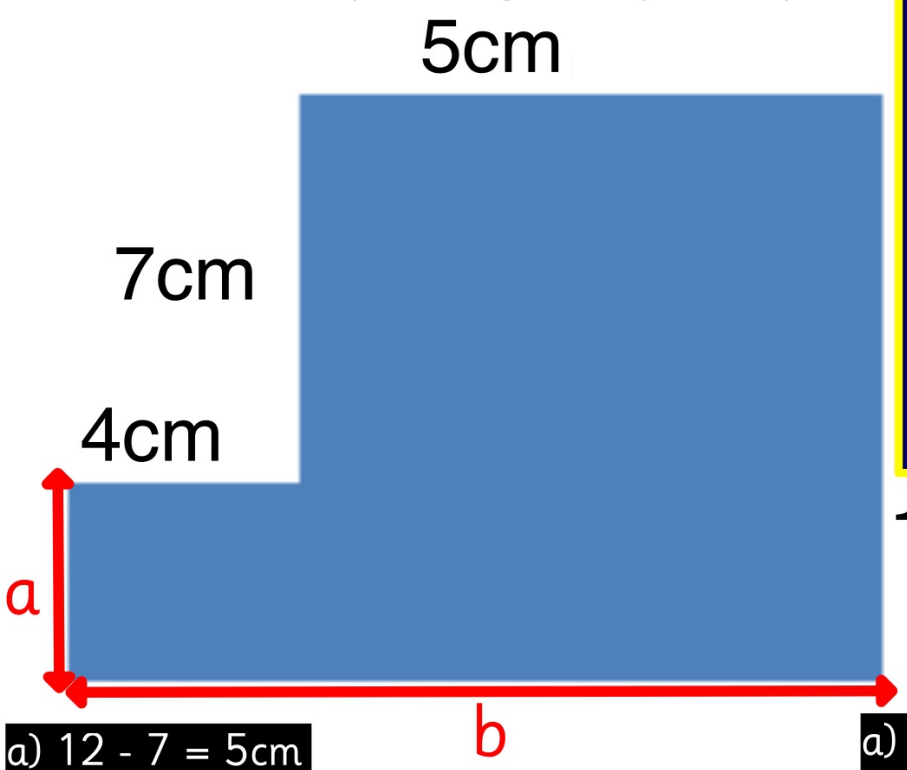
60

+20

80cm²

x 12 = 60

Work out the area and perimeter of this compound shape.



Perimeter

5 + 12 = 17

9 + 5 = 14

4 + 7 = 11

17

14

+11

42cm

a) 12 - 7 = 5cm

a = 5cm

a) 5 + 4 = 9cm

b = 9cm

Area and perimeter

1

Perimeter Perimeter Perimeter Perimeter

Perimeter Perimeter

AREA

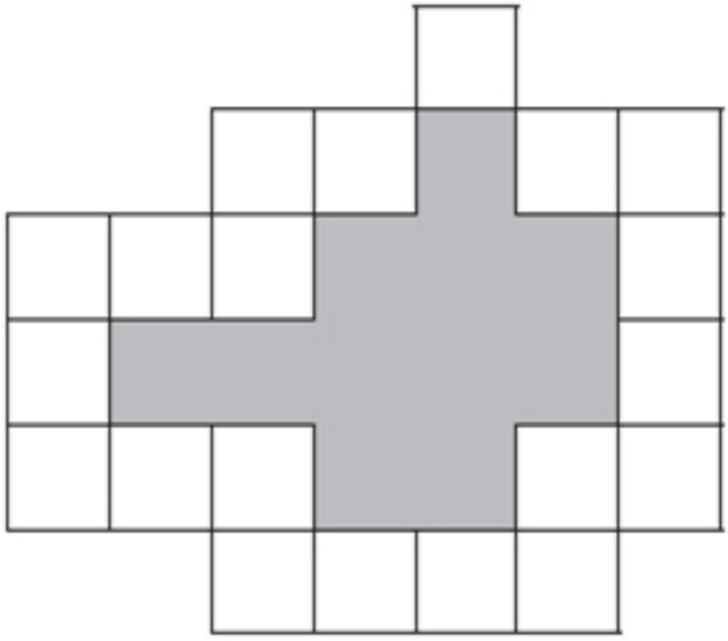
Perimeter Perimeter

Perimeter Perimeter Perimeter Perimeter

The area is the amount of space inside a shape

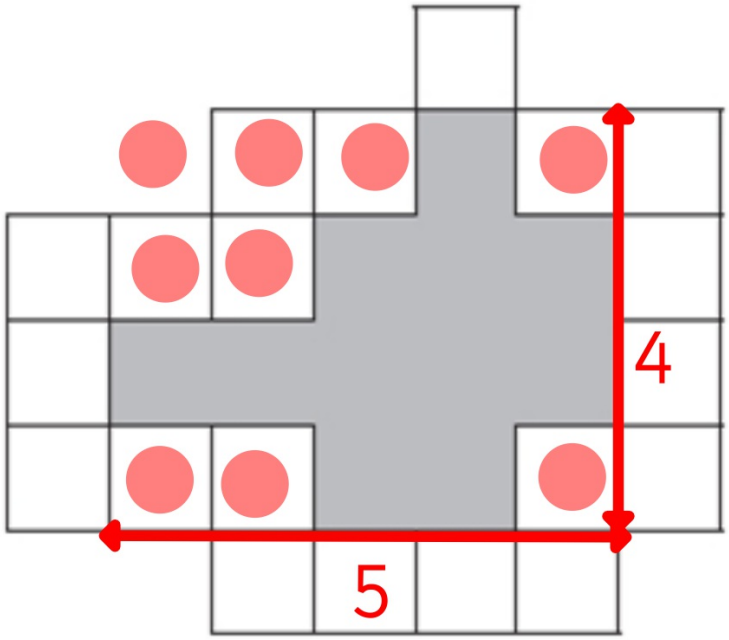
The perimeter is the distance
around the outside of the shape.

Here is a set of 20 squares around a shaded space.



What is the area of the shaded space?

Here is a set of 20 squares around a shaded space.



$5 \times 4 = 20\text{cm}^2$

$20 - 9 = 11\text{cm}^2$

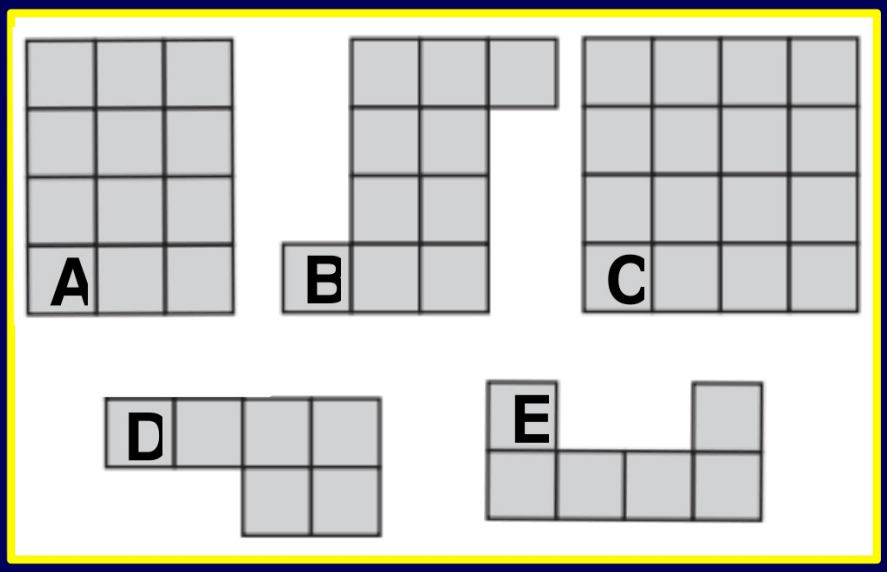
What is the area of the shaded space?

a) Which shape has the largest area?

b) Which shape has the smallest perimeter?

c) Which shapes are quadrilaterals?

d) Which shape is a hexagon?

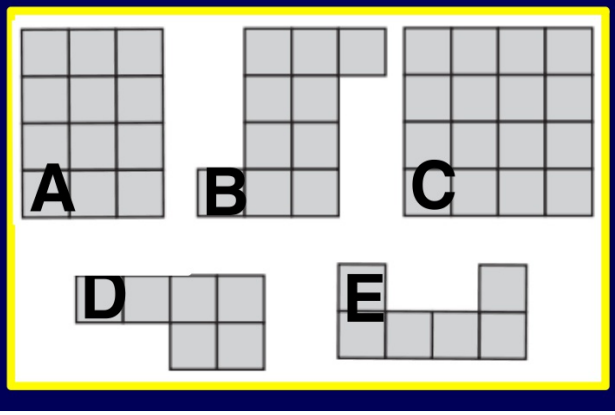


1) Which shape has the largest area?

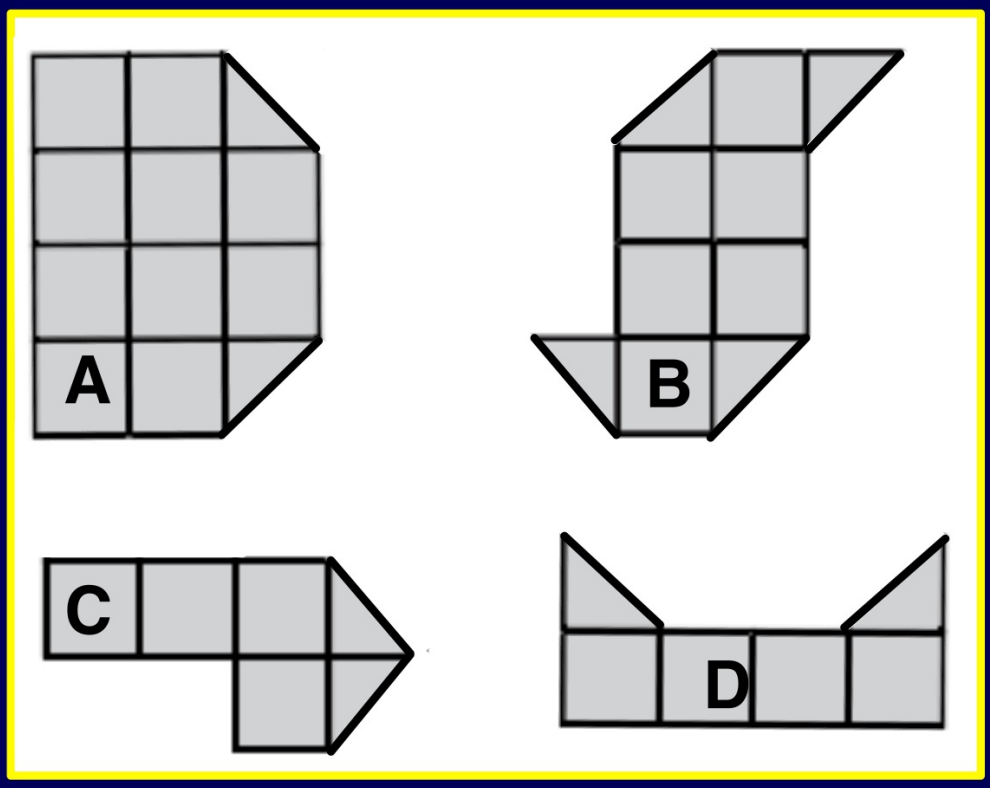
2) Which shape has the smallest perimeter?

3) Which shapes are quadrilaterals?

4) Which shape is a hexagon?

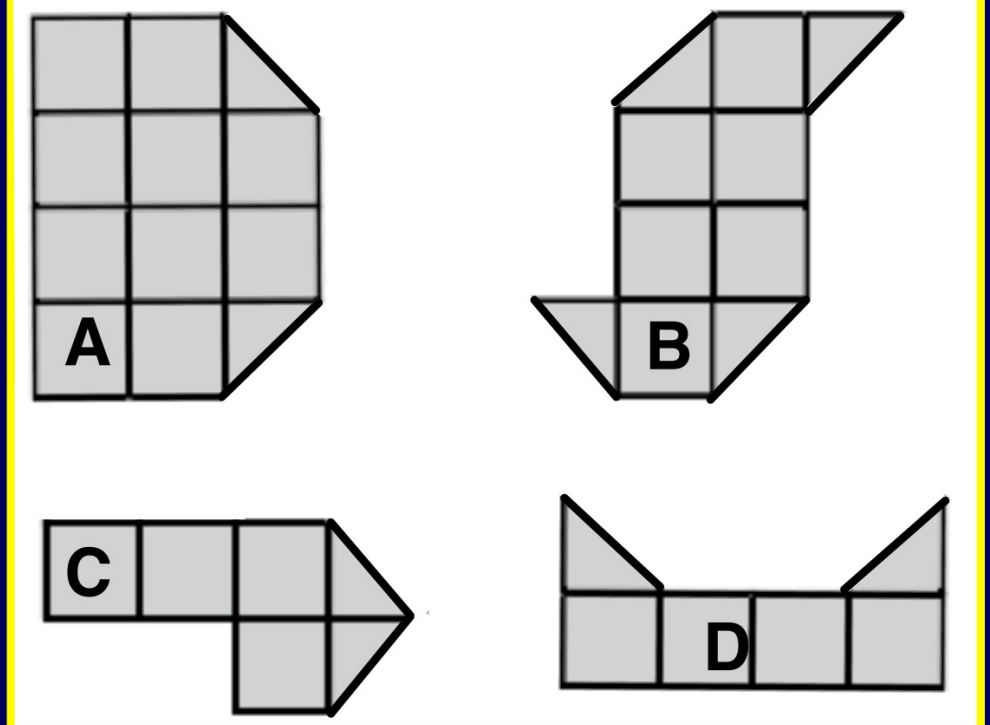


1) C
2) D
3) A and C
4) D



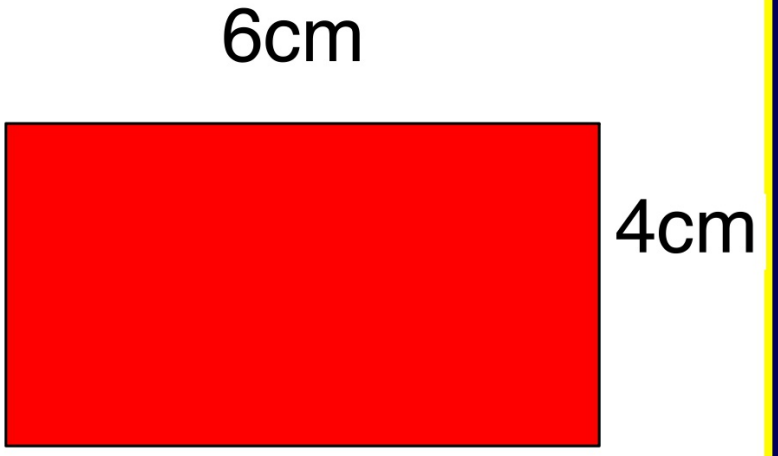
1) Which shape has the largest area?

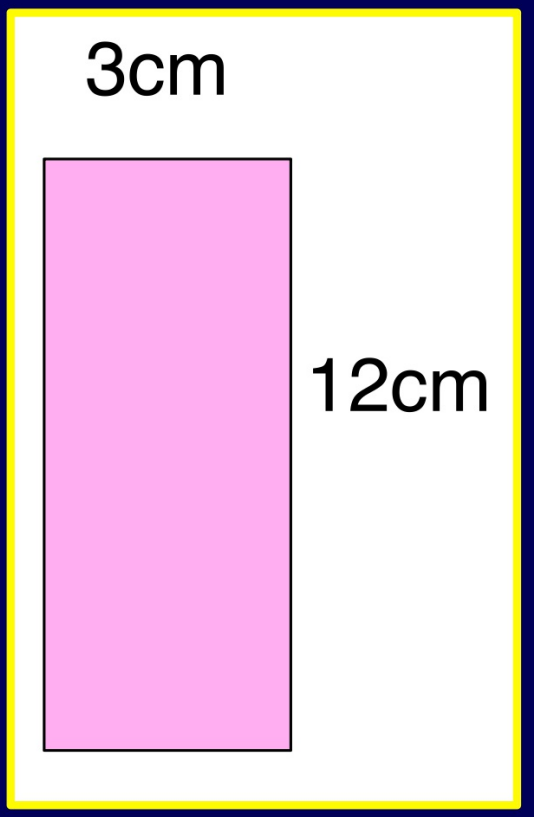
2) Which shape has the smallest perimeter?



1) A
2) D

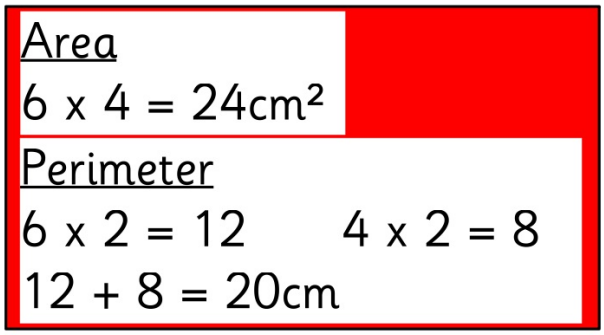
Work out the area and perimeter.





Work out the area and perimeter.

6cm

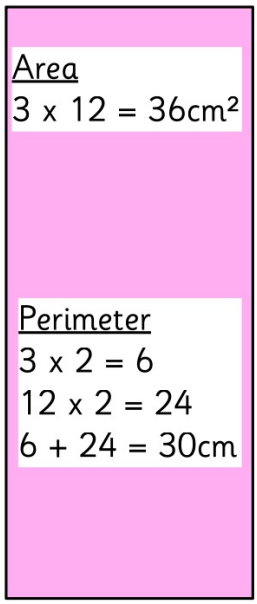


Area
6 x 4 = 24cm²

Perimeter
6 x 2 = 12 4 x 2 = 8
12 + 8 = 20cm

4cm

3cm

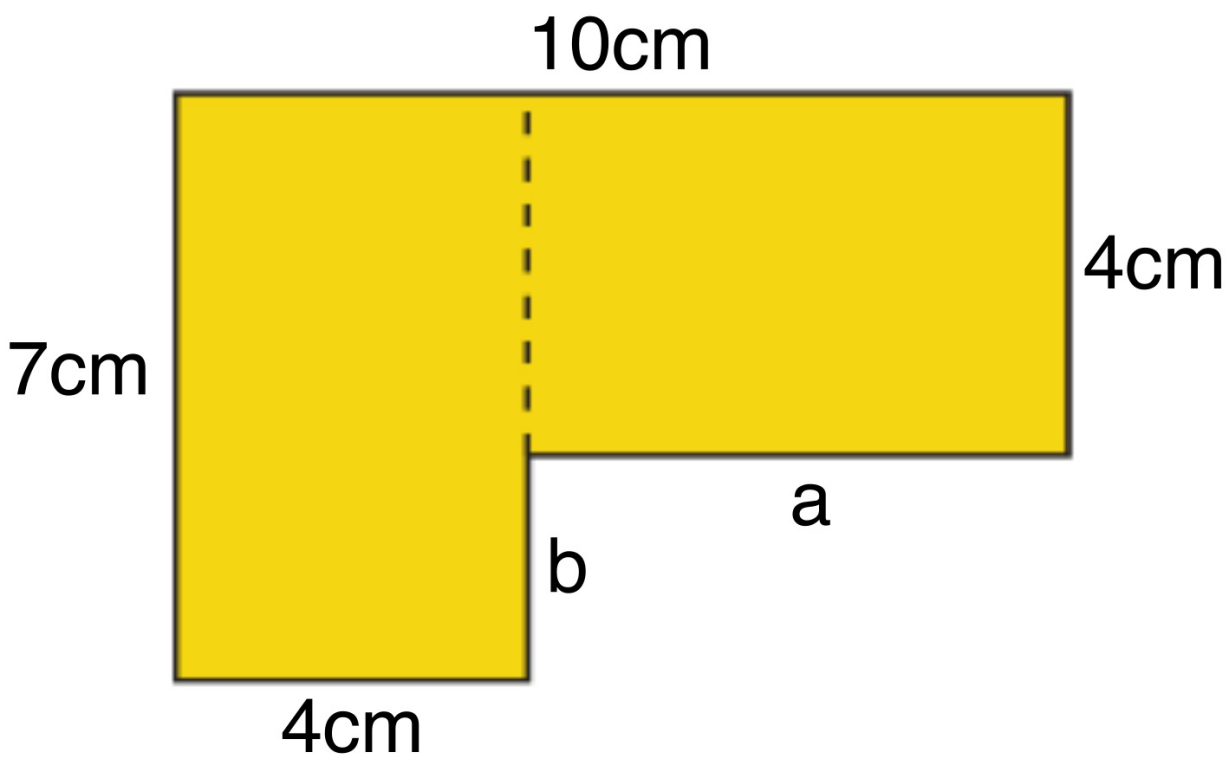


Area
3 x 12 = 36cm²

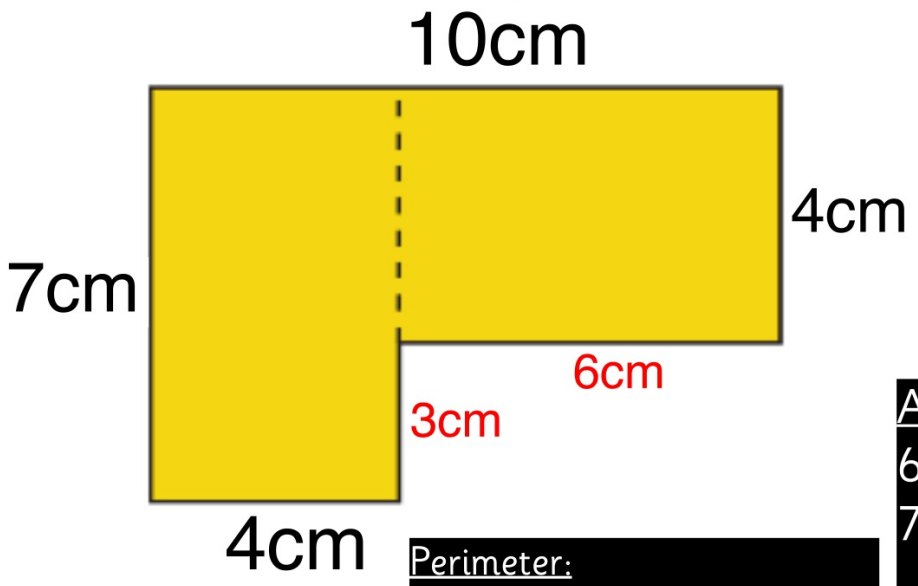
Perimeter
3 x 2 = 6
12 x 2 = 24
6 + 24 = 30cm

12cm

Work out the area and perimeter.



Work out the area and perimeter.



a) 10 - 4 = 6cm

a = 6cm

b) 7 - 4 = 3

b = 3cm

Perimeter:

6 + 4 = 10
7 + 3 = 10
10 + 4 = 14

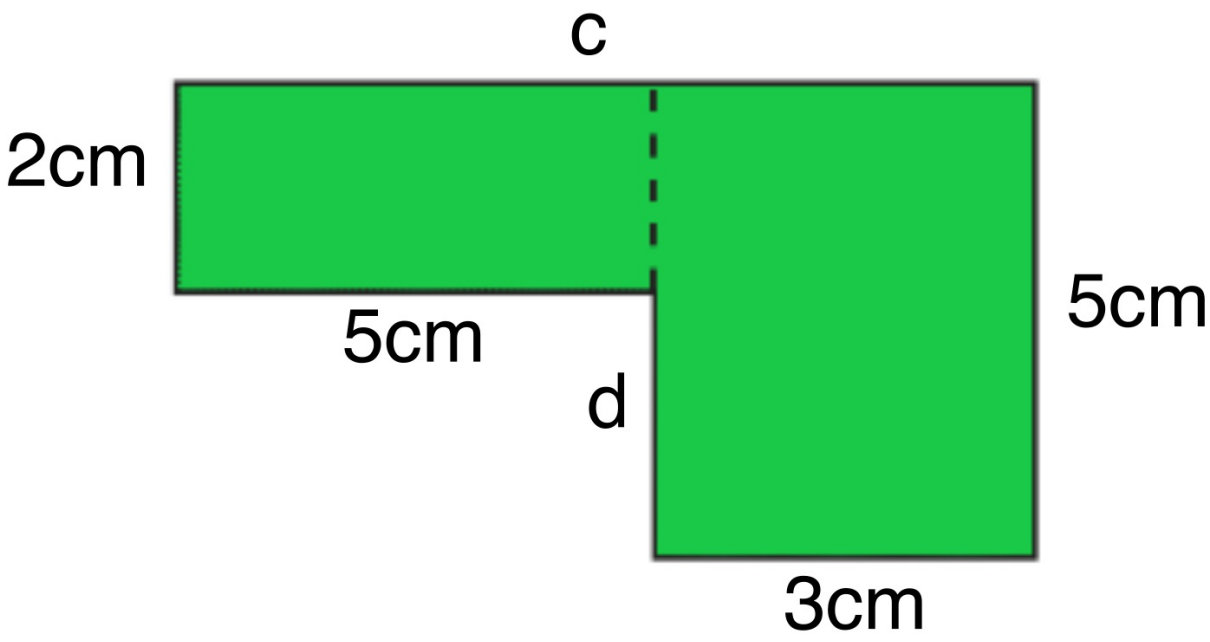
10 + 10 + 14 = 34cm

Area:

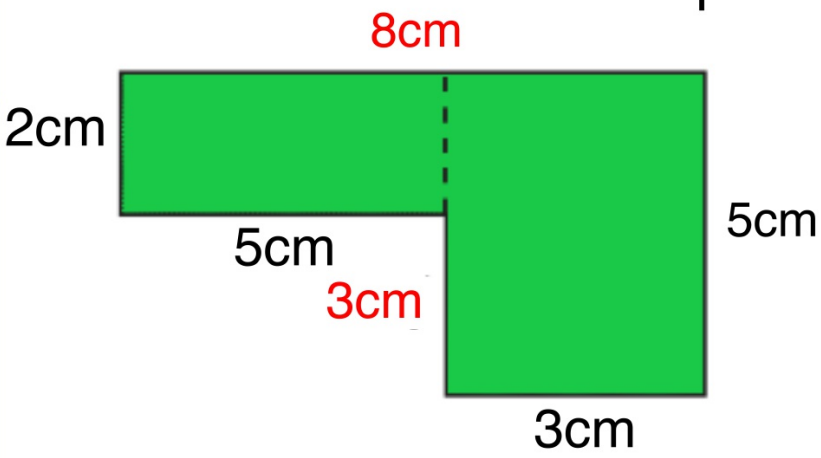
6 x 4 = 24
7 x 4 = 28

24 + 28 = 52cm²

Work out the area and perimeter.



Work out the area and perimeter.



c) 5 + 3 = 8cm

c = 8cm

d) 5 - 2 = 3

d = 3cm

Area:

5 x 2 = 10

5 x 3 = 15

10 + 15 = 25cm²

Perimeter:

8 + 2 = 10

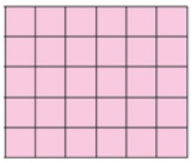
5 + 5 = 10

3 + 3 = 6

10 + 10 + 6 = 26cm

Work out the areas and perimeters of the shapes.

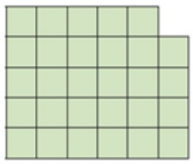
Shape A



area = ☐ cm^2

perimeter = ☐ cm

Shape B

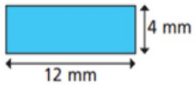


area = ☐ cm^2

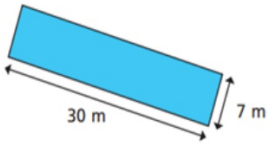
perimeter = ☐ cm

Work out the area of these rectangles.

a)



b)

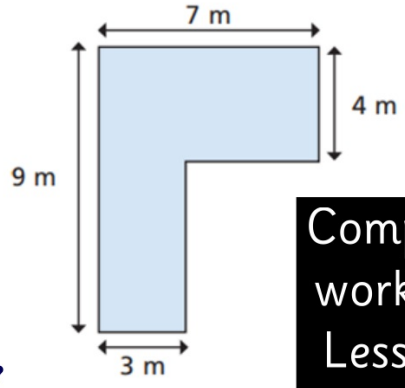


Using your cm ruler, calculate the area and perimeter of:

- the table top
- The front of your maths book

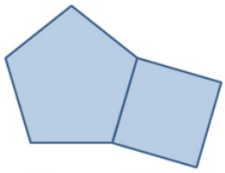
To the nearest cm.

Work out the area and perimeter of this compound shape.



Working Deeper

This shape is made of a regular pentagon and a square.



The area of the square is $81cm^2$.

Find the perimeter of the shape.

Complete today's worksheet under Lesson 2 of our Virtual School page