

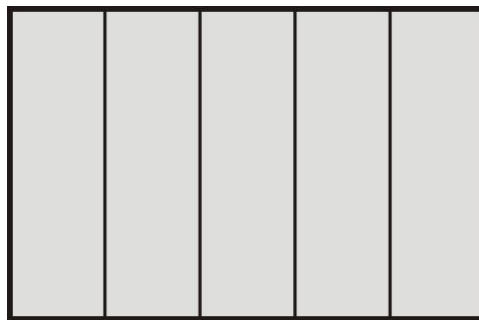
1.

Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.



She uses **five** of her rectangles to make the large rectangle below.



What is the **perimeter** of the large rectangle?

cm

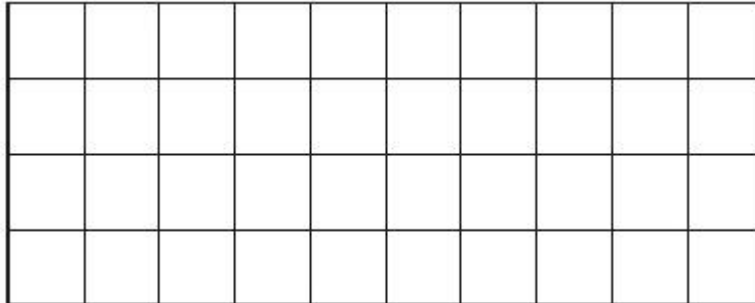
What is the **area** of the large rectangle?

cm

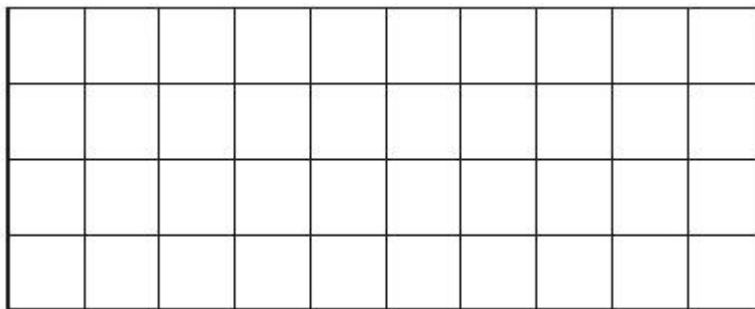
2.

Here is a centimetre square grid.

On the grid draw a **shape** which has an **area** of **10** square centimetres.



On the grid below draw a **rectangle** which has a **perimeter** of **10** centimetres.



3.

A rectangle has an area of 36 cm^2

How long could the sides of the rectangle be?

Give three different examples, using whole numbers.

..... cm and cm

..... cm and cm

..... cm and cm

4.

What is the **perimeter** of a square with an area of 64 cm^2 ?

cm

w give an example of another rectangle with an area of 64 cm^2 but a different perimeter.

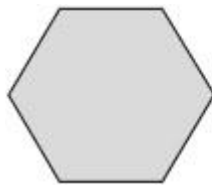
length =

width =

5.

These two shapes have the **same** perimeter.

regular hexagon



square

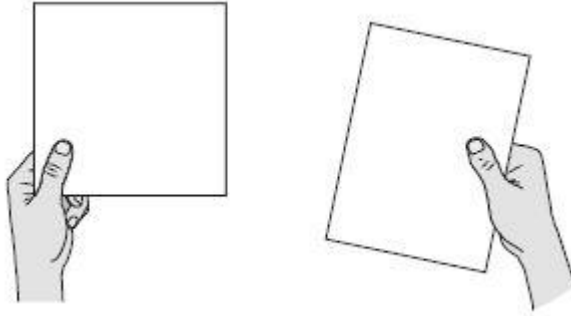


Not actual size

The length of each side of the **hexagon** is **8** centimetres.

Calculate the **area** of the **square**.

6.



A square tile measures 20 cm by 20 cm.

A rectangular tile is 3 cm **longer** and 2 cm **narrower** than the square tile.

What is the **difference in area** between the two tiles?

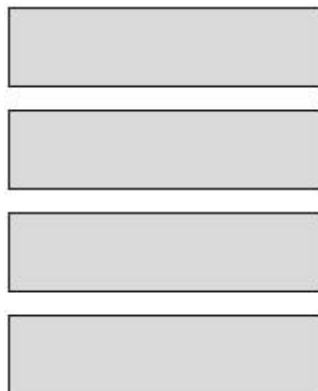
7.

The **area** of this square is 36 cm².



Not actual size

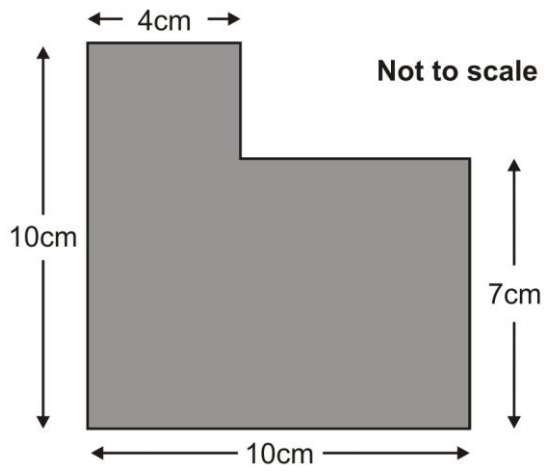
The square is cut into quarters to create 4 identical rectangles.



What is the **perimeter** of **one** of the small rectangles?

8.

What is the **area** of this shape?



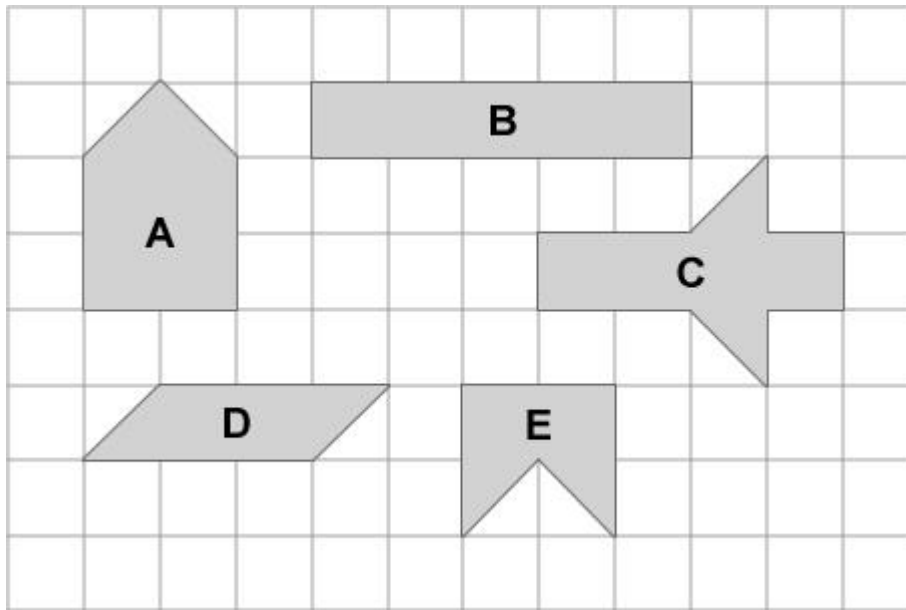
Show your method

cm²

2 marks

9.

The diagram shows some shapes on a centimetre square grid.



Which two shapes have the same **area** as shape A?

and

Which two shapes have the same **perimeter** as shape A?

and