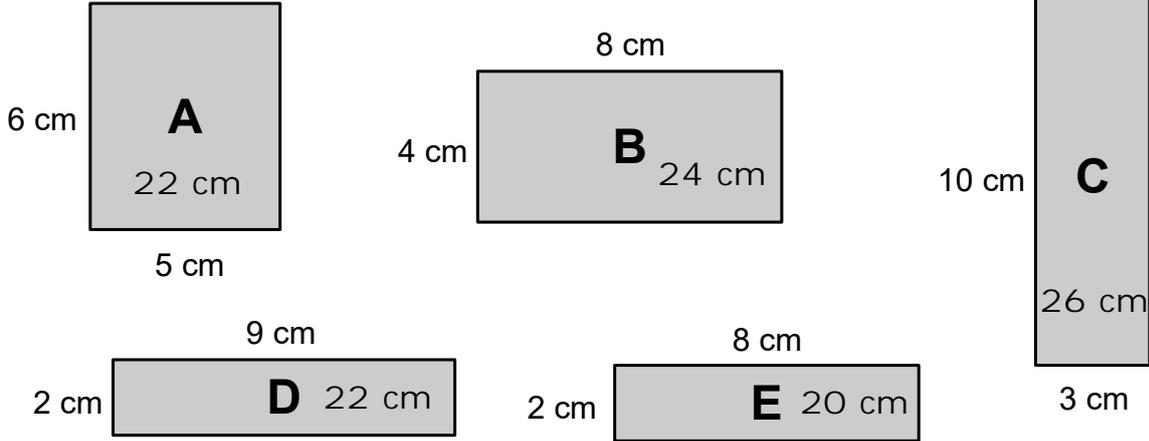


1

Which two rectangles have the same **perimeter**?

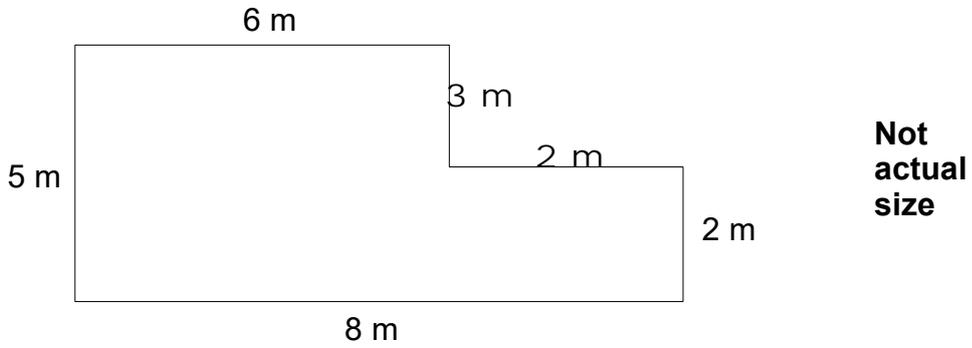


A and D

1 mark

2

Calculate the **perimeter** of the shape below.

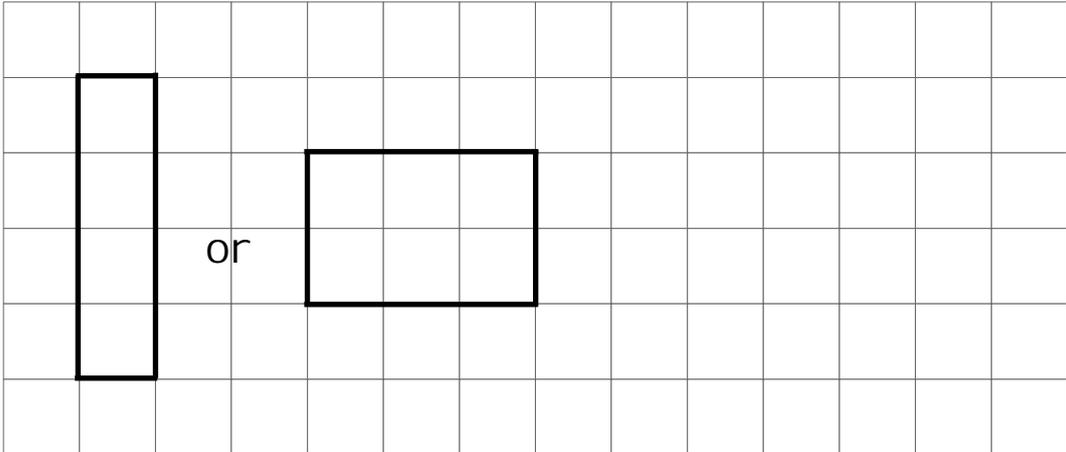


26 m

1 mark

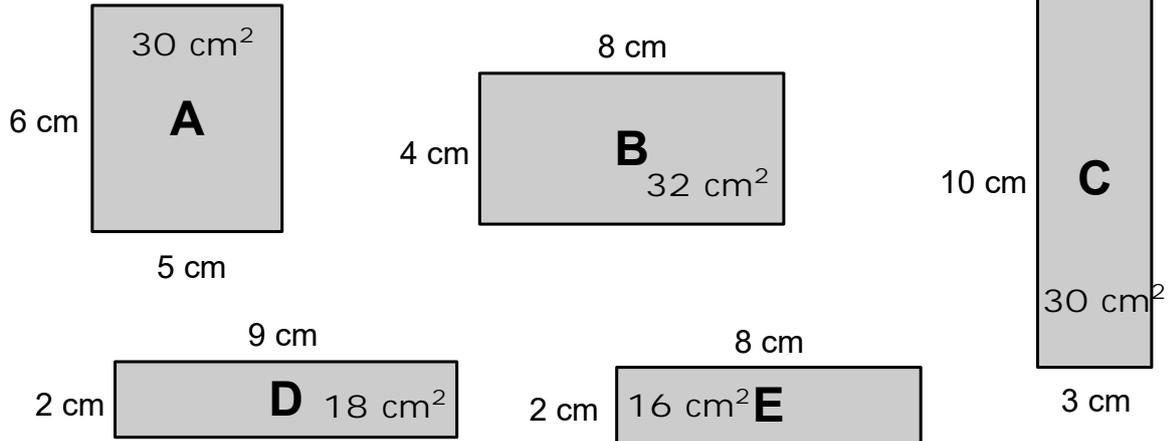
3

On the centimetre grid below, draw a rectangle with a perimeter of 10cm.



1 mark

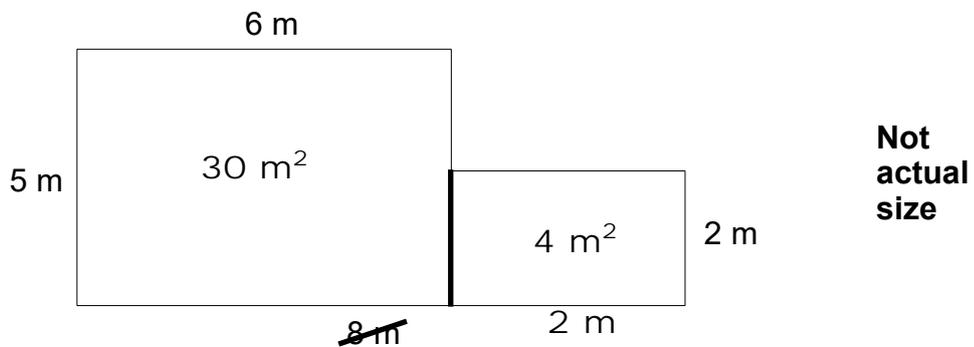
4

Which two rectangles have the same **area**?

A and C

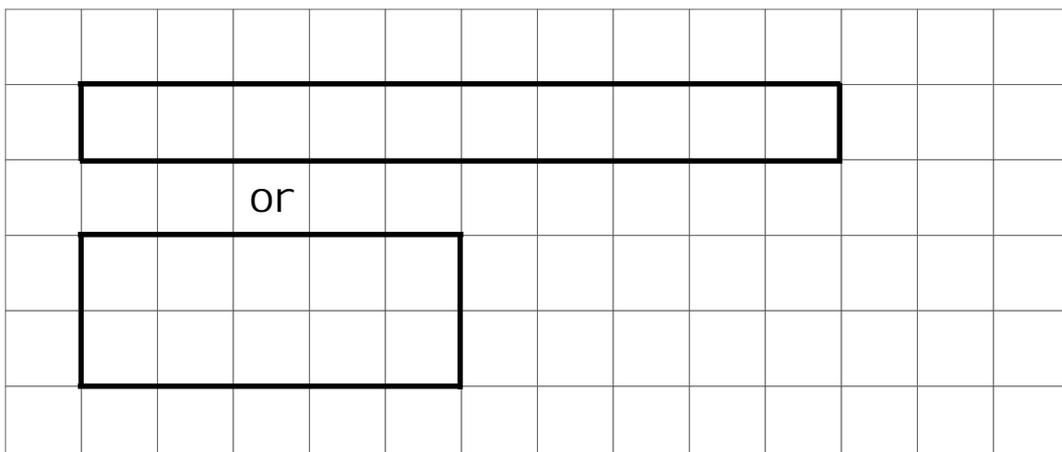
1 mark

5

Calculate the **area** of the shape below.34 m²

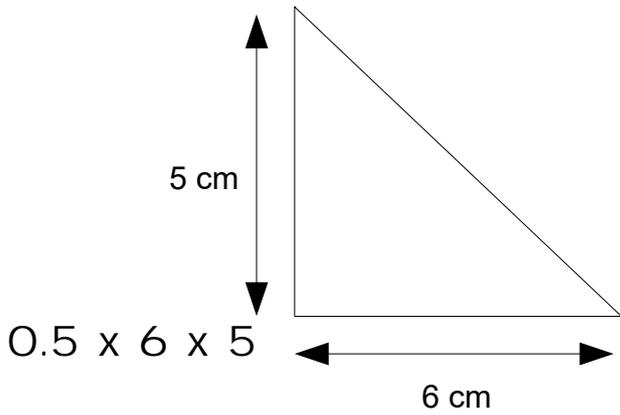
1 mark

6

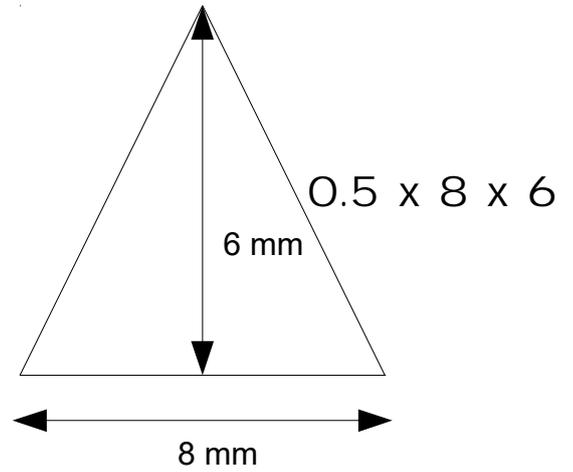
On the centimetre grid below, draw a rectangle with an area of 10 cm^2 .

1 mark

7

Calculate the **area** for each triangle below.

15 cm²

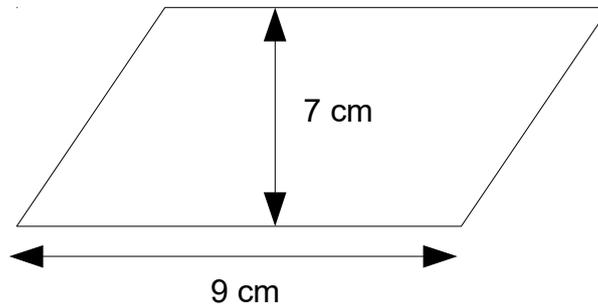
Not
actual
size

24 mm²

1 mark

1 mark

8

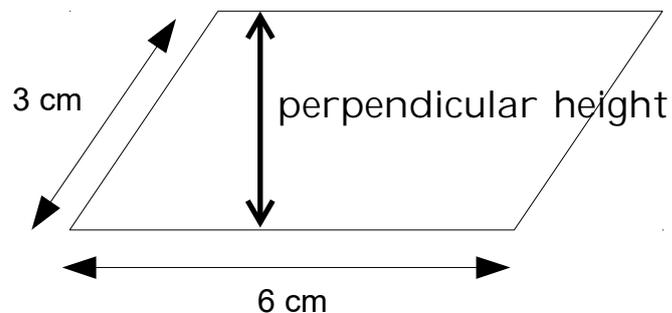
Calculate the **area** the parallelogram below.

9×7

63 cm²

1 mark

9

Kiera says the area of the parallelogram is 18cm²

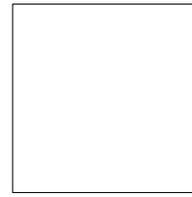
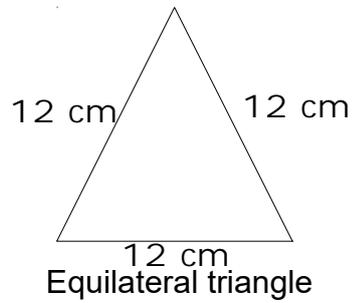
Explain why Kiera is wrong.

To find the area of a parallelogram you multiply by the perpendicular height. 3 cm is not the perpendicular height.

1 mark

10

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



**Not
actual
size**

The length of each side of the **triangle** is 12 centimetres.

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

Show
Your
method

$$\text{Perimeter} = 3 \times 12 = 36$$

$$36 \div 4 = 9 \text{ (each side of square)}$$

$$\text{Area} = 9 \times 9 = 81$$

$$81 \text{ cm}^2$$

2 marks

11

John has piece of rectangular paper with width 21cm and length 30cm.

John also has a piece of square paper with with 25cm and length 25cm.

What is the difference in area between the two pieces of paper?

Show
Your
method

$$\begin{array}{r} 21 \\ \times 30 \\ \hline 630 \end{array}$$

$$\begin{array}{r} 25 \\ \times 25 \\ \hline 125 \\ 500 \\ \hline 625 \end{array}$$

$$630 - 625 = 5$$

$$5 \text{ cm}^2$$

2 marks