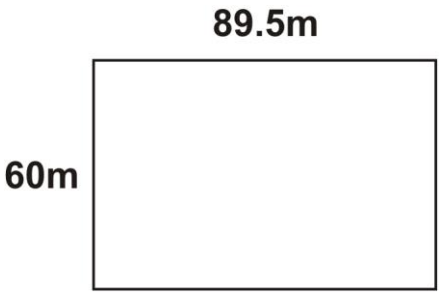
Q1.

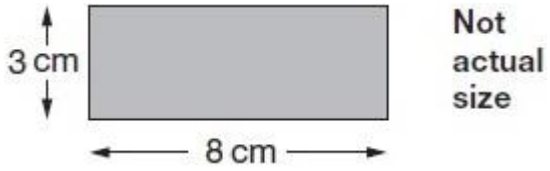
A field measures 89.5 m by 60 m.



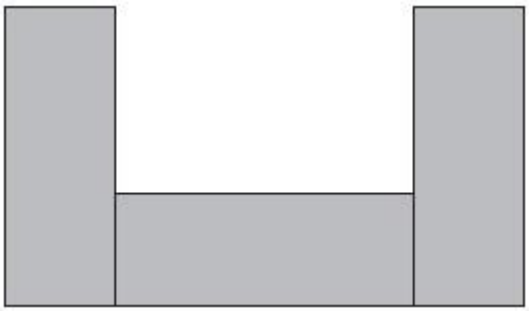
What is the perimeter of the field?

Q2.

Alfie has some rectangles.



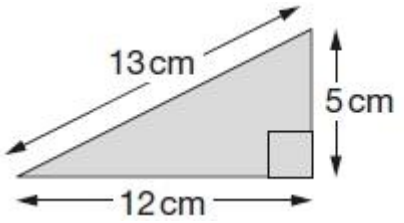
He makes this shape using three of the rectangles.



What is the **perimeter** of Alfie's shape?

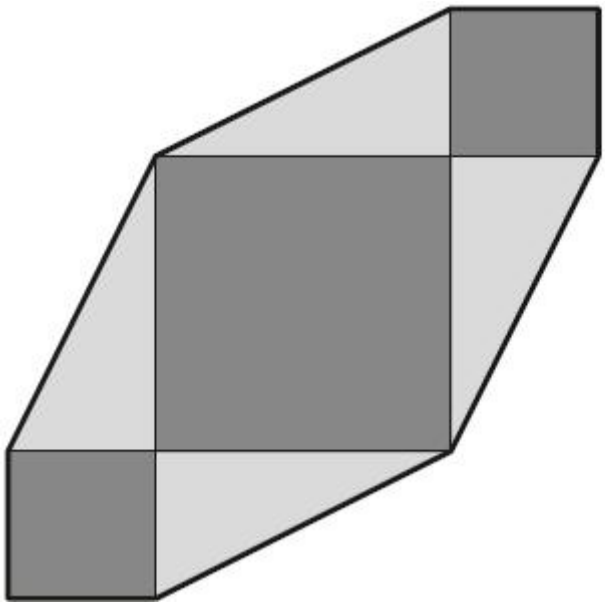
Q3.

Chen has some right-angled triangular tiles.



Not actual size

He makes this shape with four of his triangular tiles and three square tiles.



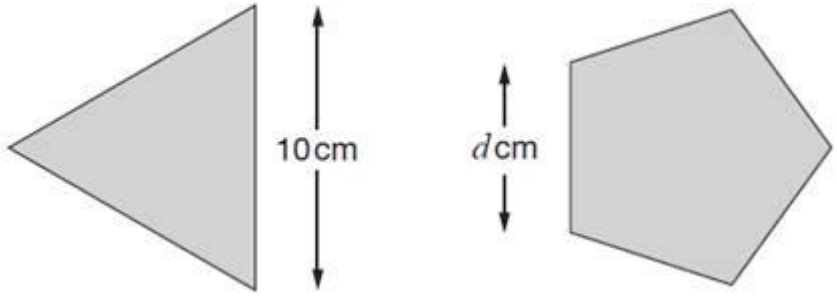
Not actual size

What is the **perimeter** of Chen's shape?

Q4.

Here are an equilateral triangle and a regular pentagon.

Not actual size



Each side of the triangle is 10 cm
Each side of the pentagon is *d* cm

The perimeter of the pentagon is 4 centimetres more than the perimeter of the triangle.

What number does *d* represent?

Q5.

The following quadrilaterals all have a **perimeter of 36 cm**.

Here is a table to show the length of each side.

Copy and complete the table.

One quadrilateral is done for you.

	Side lengths
square	9 cm 9 cm 9 cm 9 cm
rectangle	3 cm
rhombus	9 cm
kite	10 cm

Q6.

Megan says,

> ***'If two rectangles have the same perimeter, they must have the same area.'***

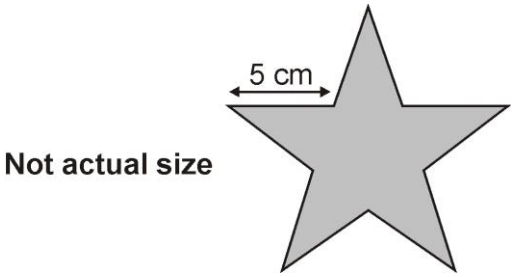
Is she correct?
Yes or **No**.

Explain how you know.

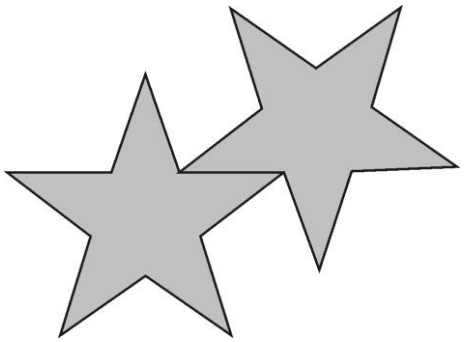
Q7.

Millie has some star-shaped tiles.

Each edge of a tile is 5 centimetres long.



She puts two tiles together to make this shape.



Work out the perimeter of Millie's shape.

Q8.

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

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

length =

width =