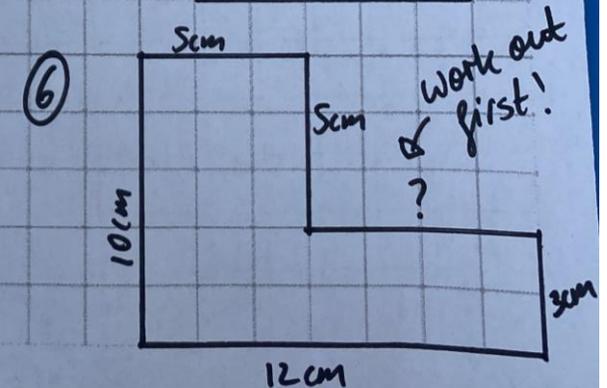
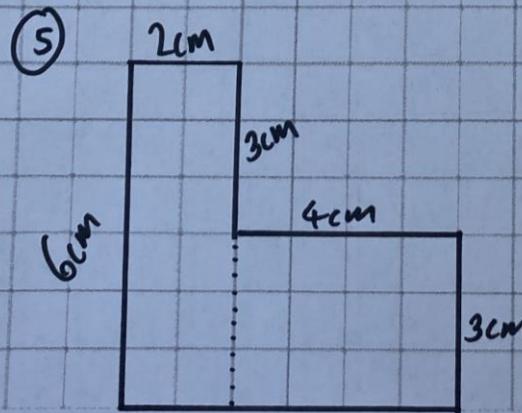
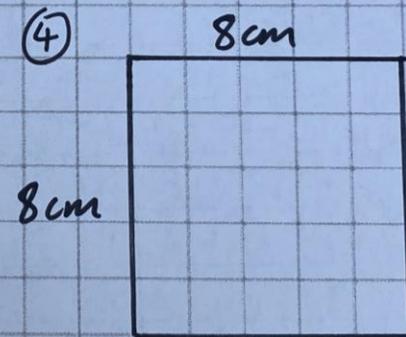
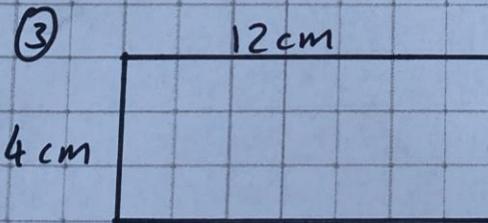
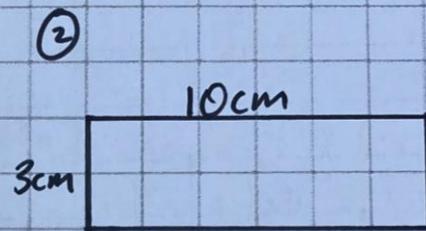
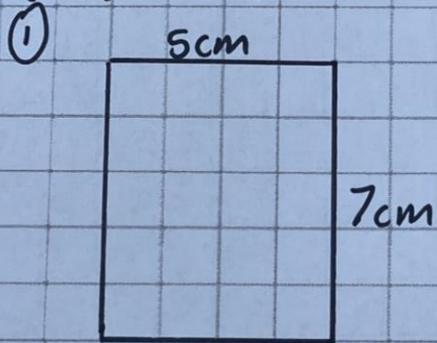


Find the area and perimeter of the following shapes.

Remember :

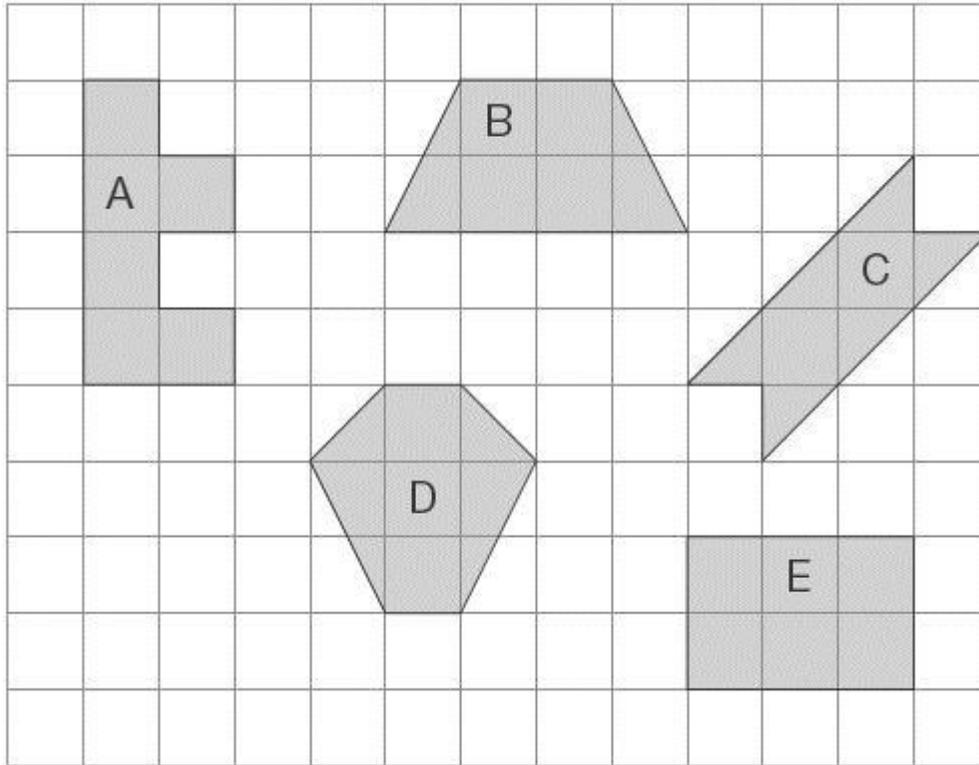
area of a rectangle = length \times width

perimeter of a rectangle = $2 \times$ length + $2 \times$ width
(not to scale!)



Q1.

Here are some shapes on a 1cm square grid.

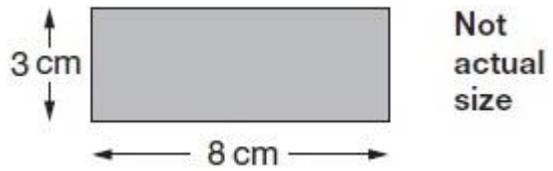


What is the **perimeter** of shape A?

Write the letter of the shape that has the **smallest area**.

Q2.

Alfie has some rectangles.



He makes this shape using three of the rectangles.

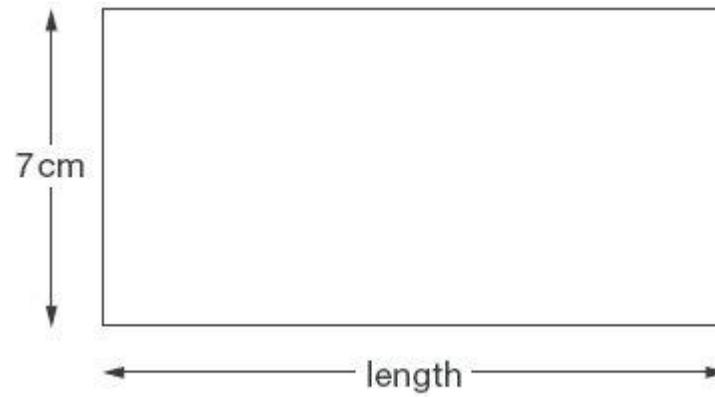


What is the **perimeter** of Alfie's shape?

Show your method

cm

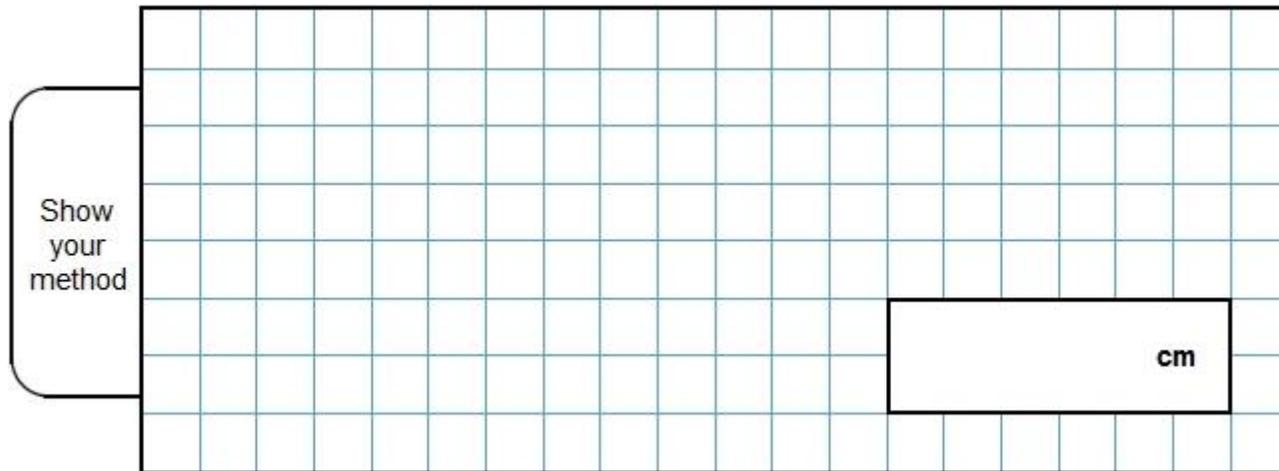
Q3.



Not actual size

The perimeter of this rectangle is 50 centimetres.

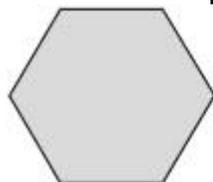
Calculate the length of the rectangle.



Q4.

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**.

Show your method

A large grid for showing the method. On the left side, there is a rounded rectangular box containing the text "Show your method". In the bottom right corner of the grid, there is a smaller rectangular box containing the text "cm²".

Q5.

The area of a rugby pitch is 6,108 square metres.

A football pitch measures 112 metres long and 82 metres wide.

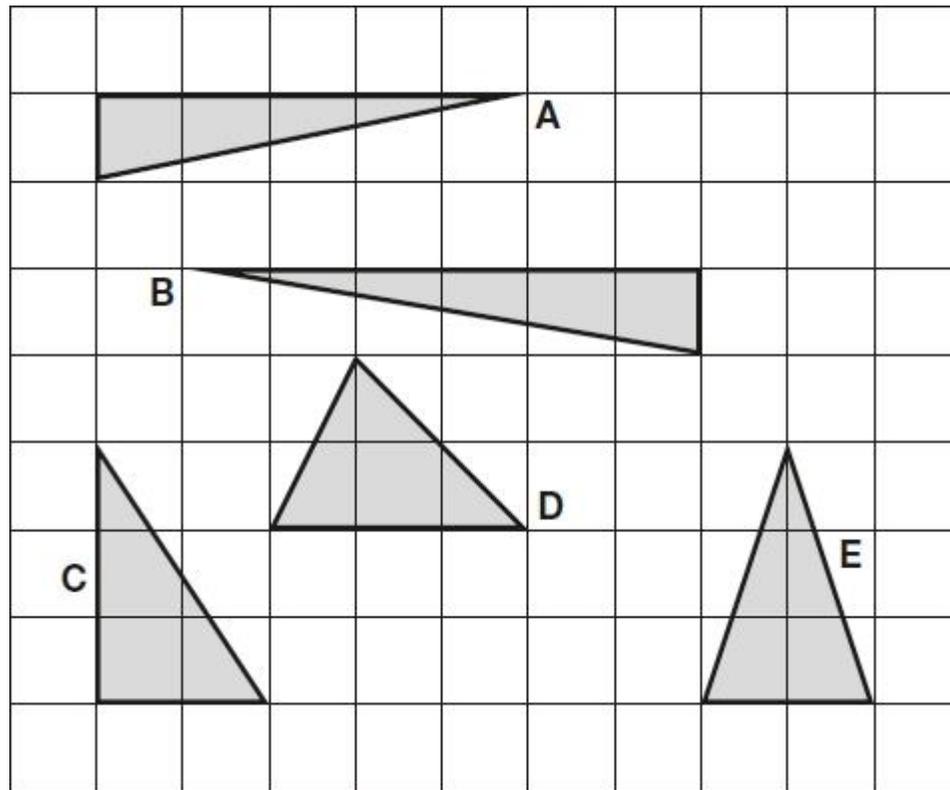
How much larger is the area of the football pitch than the area of the rugby pitch?

Show your method

square metres

Q6.

Here are five triangles on a square grid.



Four of the triangles have the same area.

Which triangle has a **different** area?
