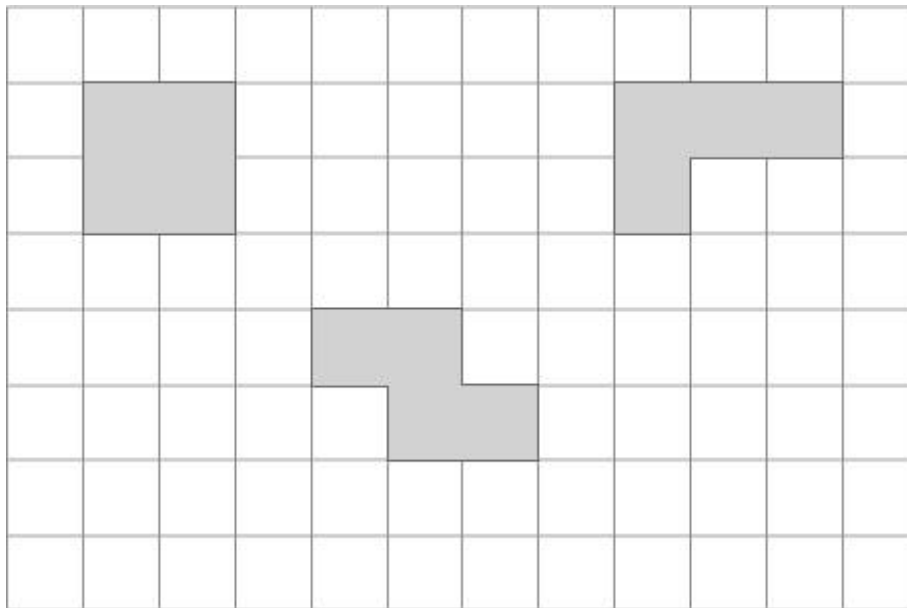


Q1.

Rose made shapes using four squares.

She calculated the perimeter of each shape.



What is the length of the **shortest** perimeter?

units

1 mark

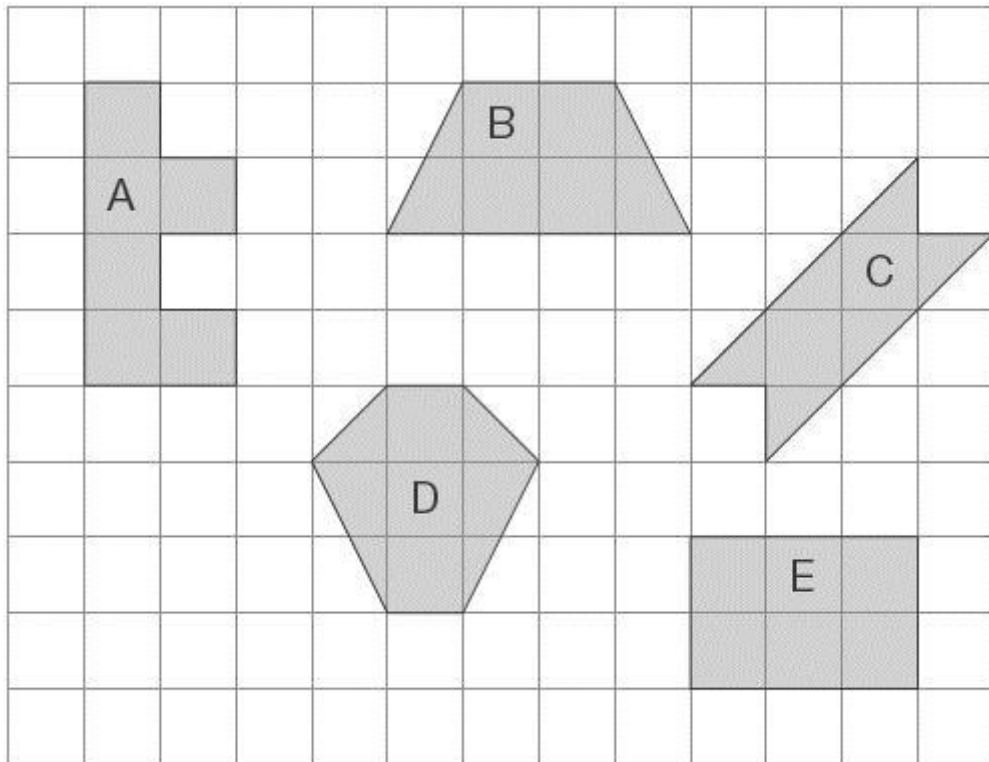
What is the length of the **longest** perimeter?

units

1 mark

Q2.

Here are some shapes on a 1cm square grid.



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

cm

1 mark

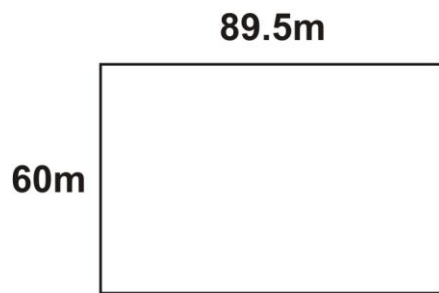
Write the letter of the shape that has the **smallest area**.

--

1 mark

Q3.

A field measures 89.5 m by 60 m.

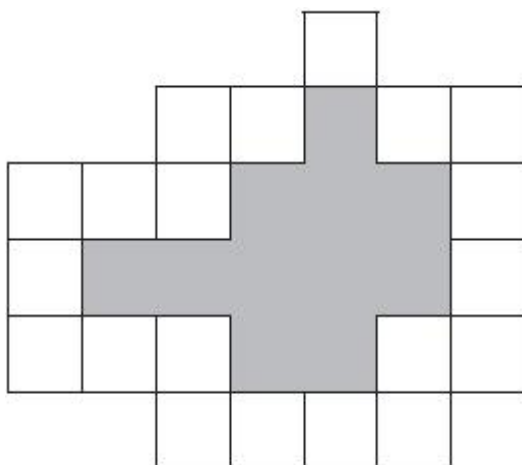


What is the perimeter of the field?

1 mark

Q4.

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



What is the area of the shaded space?

1 mark

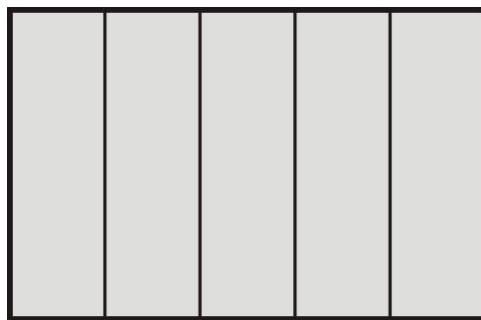
Q5.

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?

1 mark

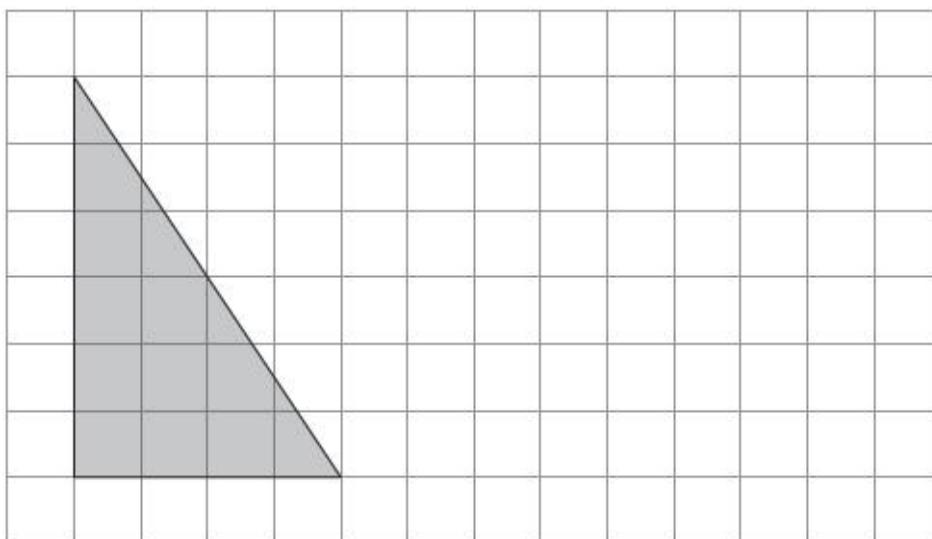
What is the **area** of the large rectangle?

1 mark

Q6.

Draw a rectangle on the grid that has **half** the area of the shaded triangle.

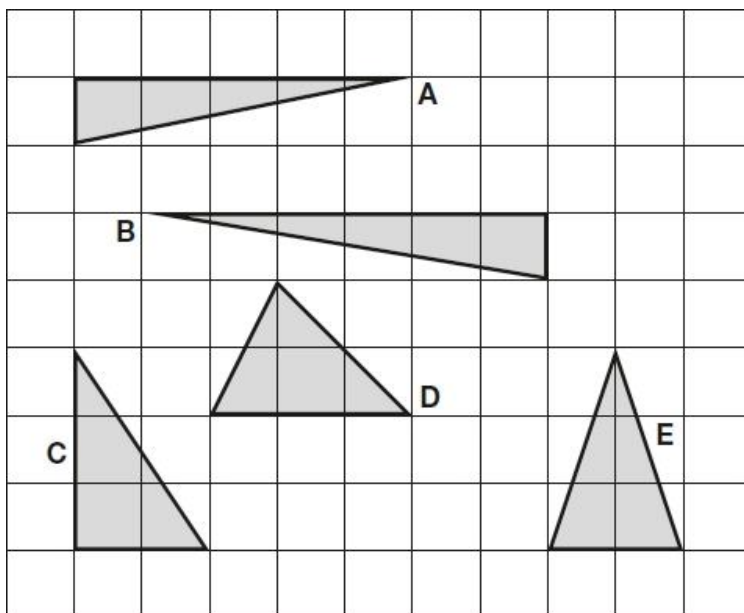
Use a ruler.



1 mark

Q7.

Here are five triangles on a square grid.



Four of the triangles have the same area.

Which triangle has a **different** area?

_____ 1 mark

Mark schemes

Q1.

8 units

1

10 units

1

[2]

Q2.

(a) 14

1

(b) C

Accept 5

1

[2]

Q3.

299

[1]

Q4.

11

Accept 11 cm²

[1]

Q5.

(a) 34

1

(b) 70

1

[2]

Q6.

A rectangle with area 6 cm²

A rectangle must be drawn but need not be shaded.

[1]

Q7.

A

Accept alternative unambiguous positive indications of the

correct triangle, e.g. $2\frac{1}{2}$ or 2.5.

[1]