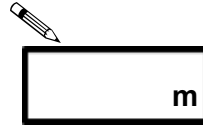
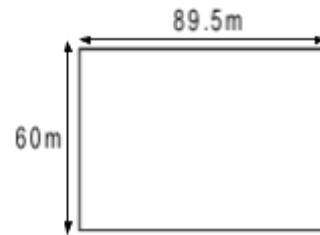


Perimeter and Area

Week 2. Day 1. Ch 2 and 3

1 A field measures **89.5m** by **60m**.

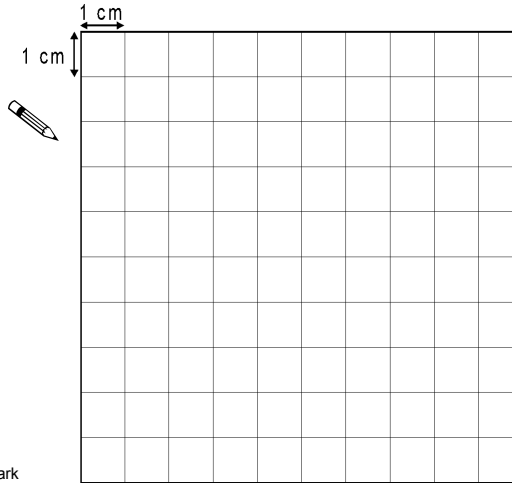
What is the **perimeter** of the field?



1 mark

2 Draw a **rectangle** whose **perimeter is 18 centimetres (cm)**.

You must use the lines of the grid.

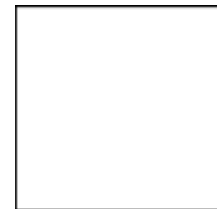
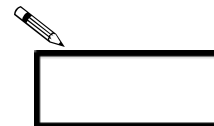


1 mark

3 What is the **perimeter** of a square whose area is **49cm²**?

cm

1 mark



4 Draw **one line** from each shape to the rectangle which has the **same area**.

One is done for you.

A grid with three shaded shapes: a right-angled triangle with a base of 2 units and a height of 2 units; a diamond shape with a width of 2 units and a height of 2 units; and a right-angled triangle with a base of 3 units and a height of 3 units. To the right are seven rectangles with dashed lines, representing different areas. A pencil icon is shown next to the grid. A line connects the top-right corner of the first shaded triangle to the top-left corner of the second rectangle from the right.

2 marks
5.99a

5 Match each shape on the left to one with **equal area** on the right.

One has been done for you.

2 marks

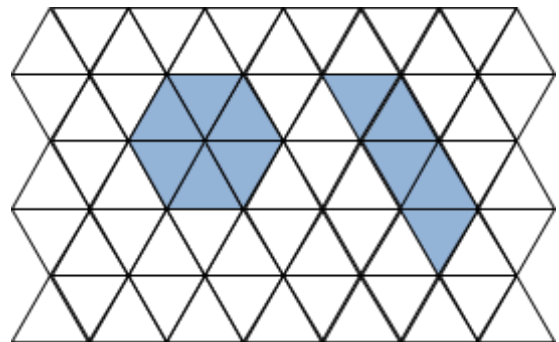
5.2a

6 Leon's grid has two shaded shapes.

Leon says,

"Shape A has a larger area than shape B."

Explain how he could have worked this out.

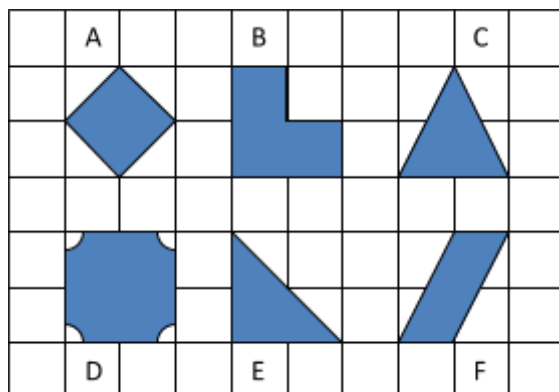


1 mark
7.96b

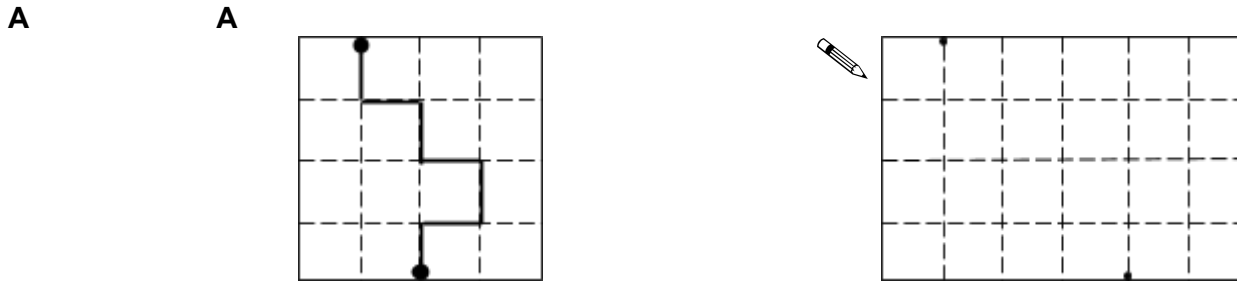
7 Here are some shapes on a grid. Which shapes have the **same area**?

Which shape has the **largest area**?

2 marks
8.98a



8 A line starts at **A** and goes along the dotted lines to **B**. It divides the grid in halves.



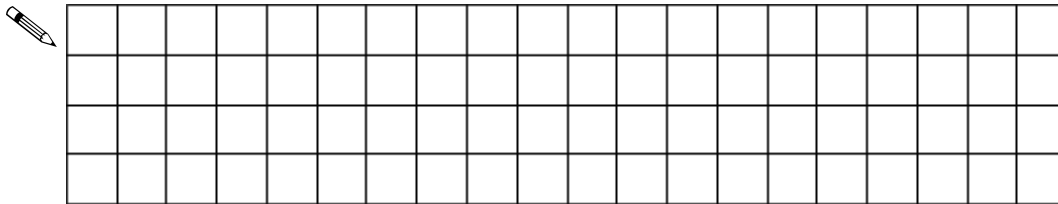
B Divide the area of this grid into **halves**. Start at **A** and go along the dotted lines to **B**.

2 marks
8.96a

9 Here is a centimeter square grid. On the grid draw:-

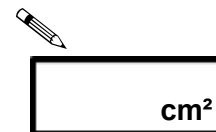
- a) a **shape** which has an area of **10** squares;
- b) a **rectangle** which has a perimeter of **10** centimeters.

Not to scale



2 marks
10.98b

10 The **area** of the **small** shaded square is **1 square centimeter**.

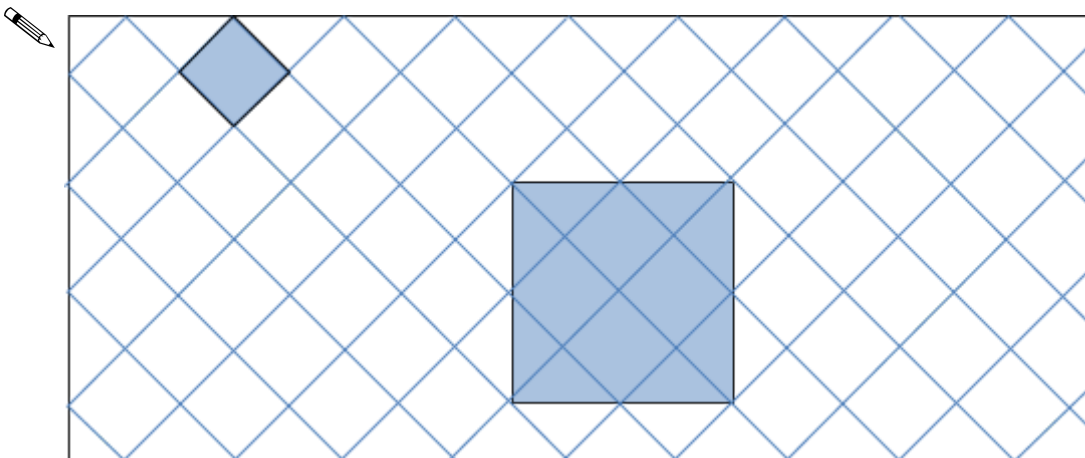


What is the **area** of the **larger** shaded square?

Draw a **triangle** on the grid which has an **area** of **2cm²**.

Not to scale

1cm²



2 marks

10.97ba

