Q1.

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

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

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			

Q2.

Here are four statements.

For each statement put a tick (✓) if it is **possible**.

Put a cross (✗) if it is **impossible**.

A triangle can have 2 acute angles. ☐

A triangle can have 2 obtuse angles. ☐

A triangle can have 2 parallel sides. ☐

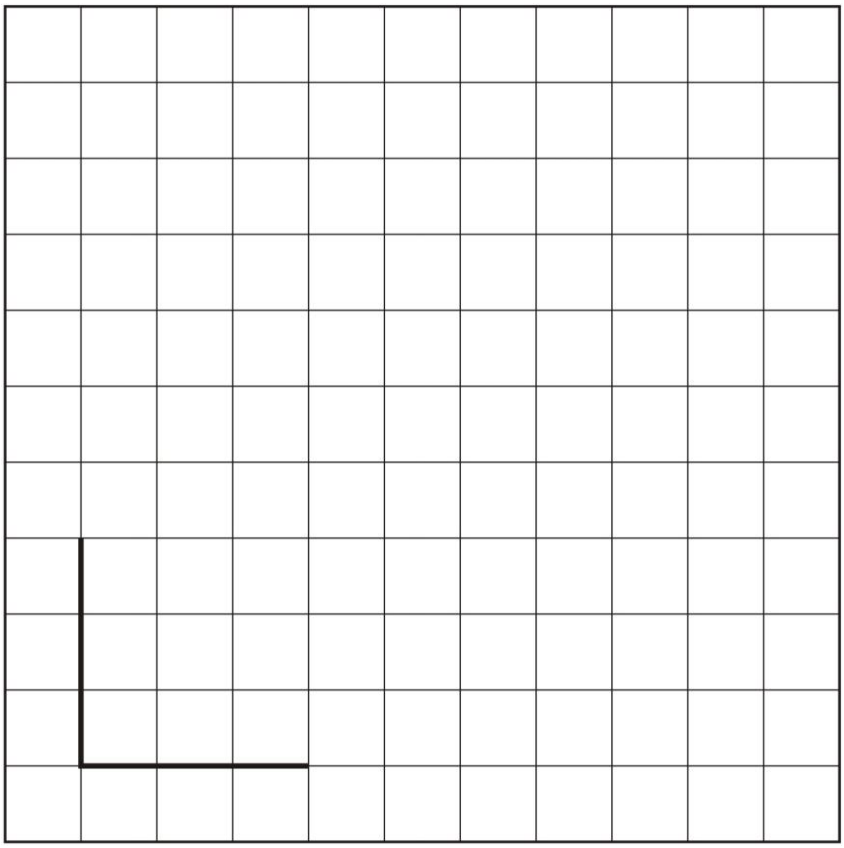
A triangle can have 2 perpendicular sides. ☐

Q3.

Here is a centimetre grid. You may want to draw one into your workbook to help you.

Draw **two** more lines to make a **quadrilateral** with an area of **18 cm^2.**

Use a ruler.

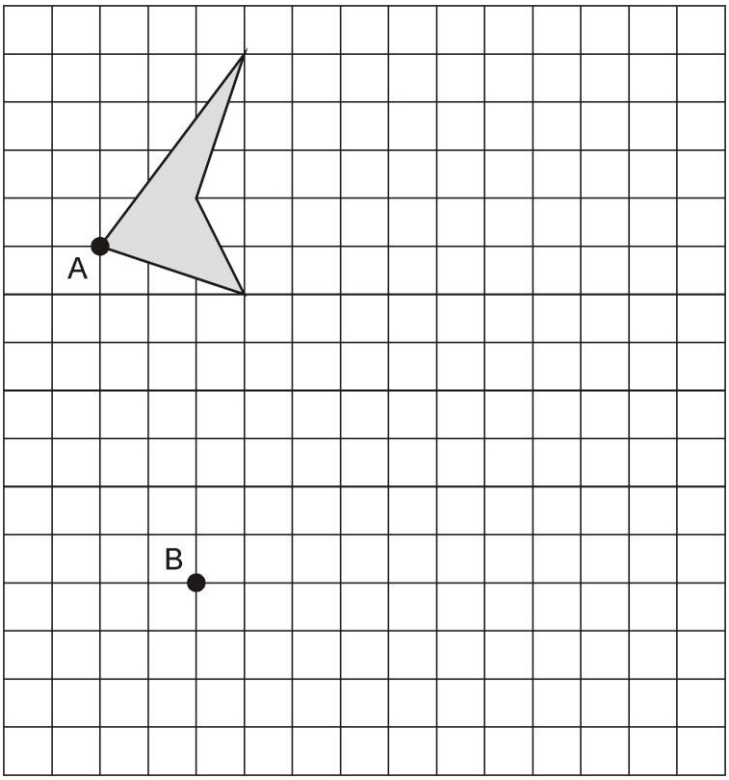


Q4.

The shaded shape is translated from **A** to **B** and **enlarged** by a **scale factor of 2.**

Draw the **enlarged shape**.

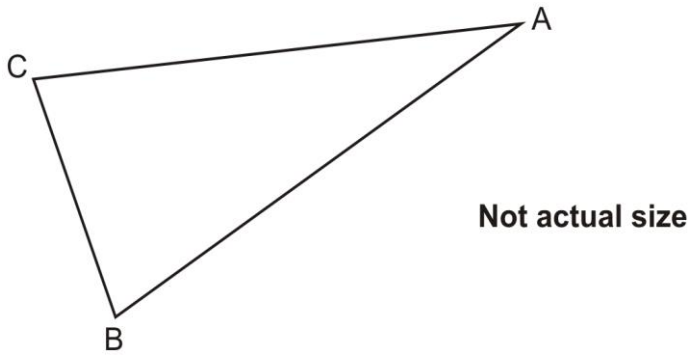
Use a ruler.



Q5.

Triangle **ABC** is isosceles and has a perimeter of 20 centimetres.

Sides **AB** and **AC** are each twice as long as **BC**.



Calculate the length of the side **BC**.

Do **not** use a ruler.