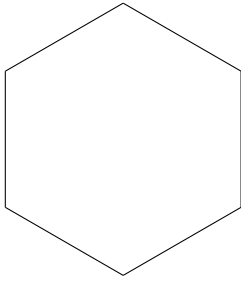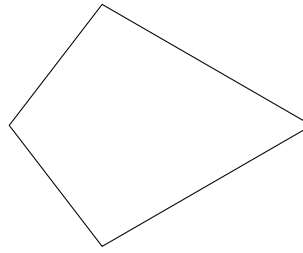1. (i) For each shape, draw on **all** the lines of symmetry.

... lines of symmetry   ... lines of symmetry
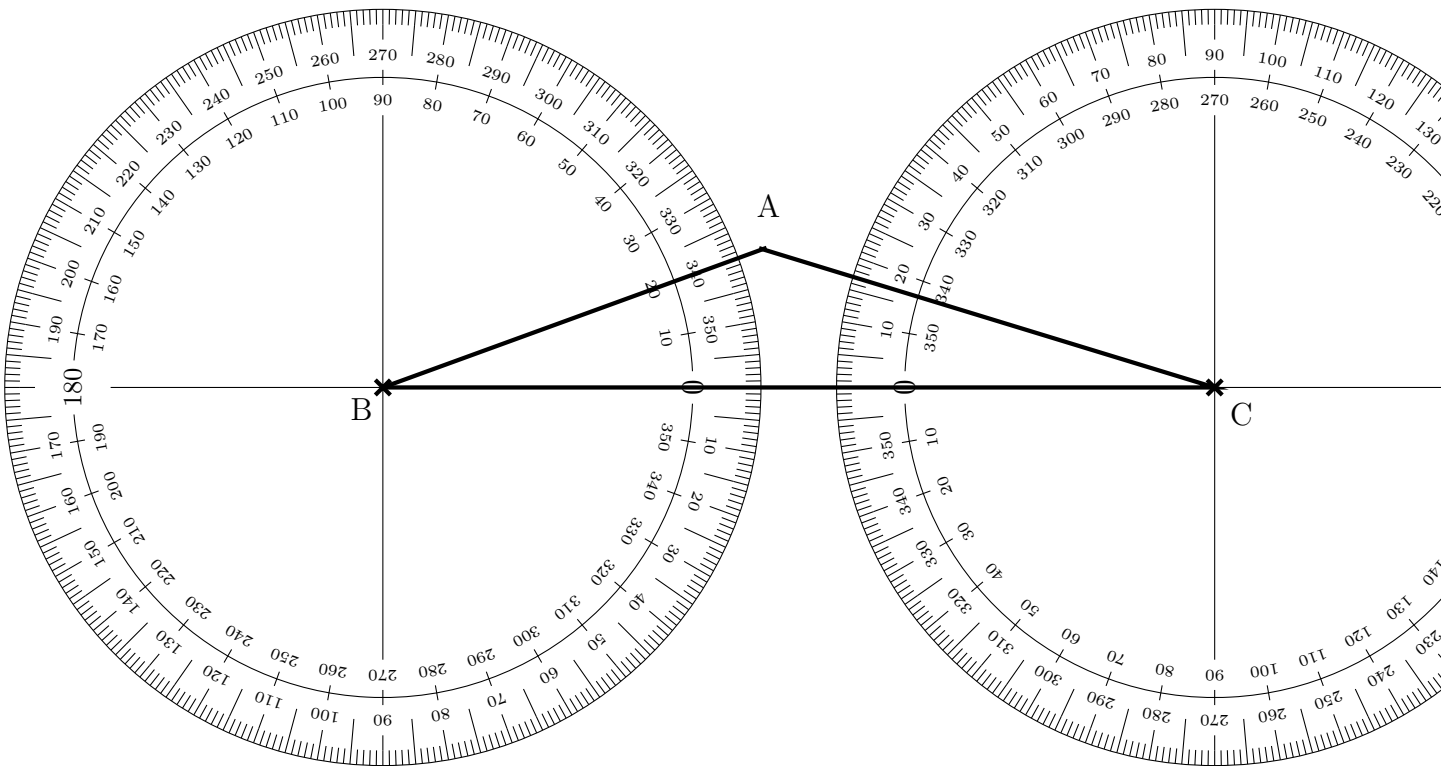
(ii) Write down the number of lines of symmetry below each shape.

(i) sorry no diagram (ii) left: 6, right: 1

(2 Marks)

FYI: *(i) (no extras) and (ii) correct for one shape OR either correct for both shapes M1;*
all lines correctly drawn and stated on both shapes A1

2. The diagram shows two angle measurers ready for measuring two angles in triangle ABC.

(i) Write down the angle B   ......°
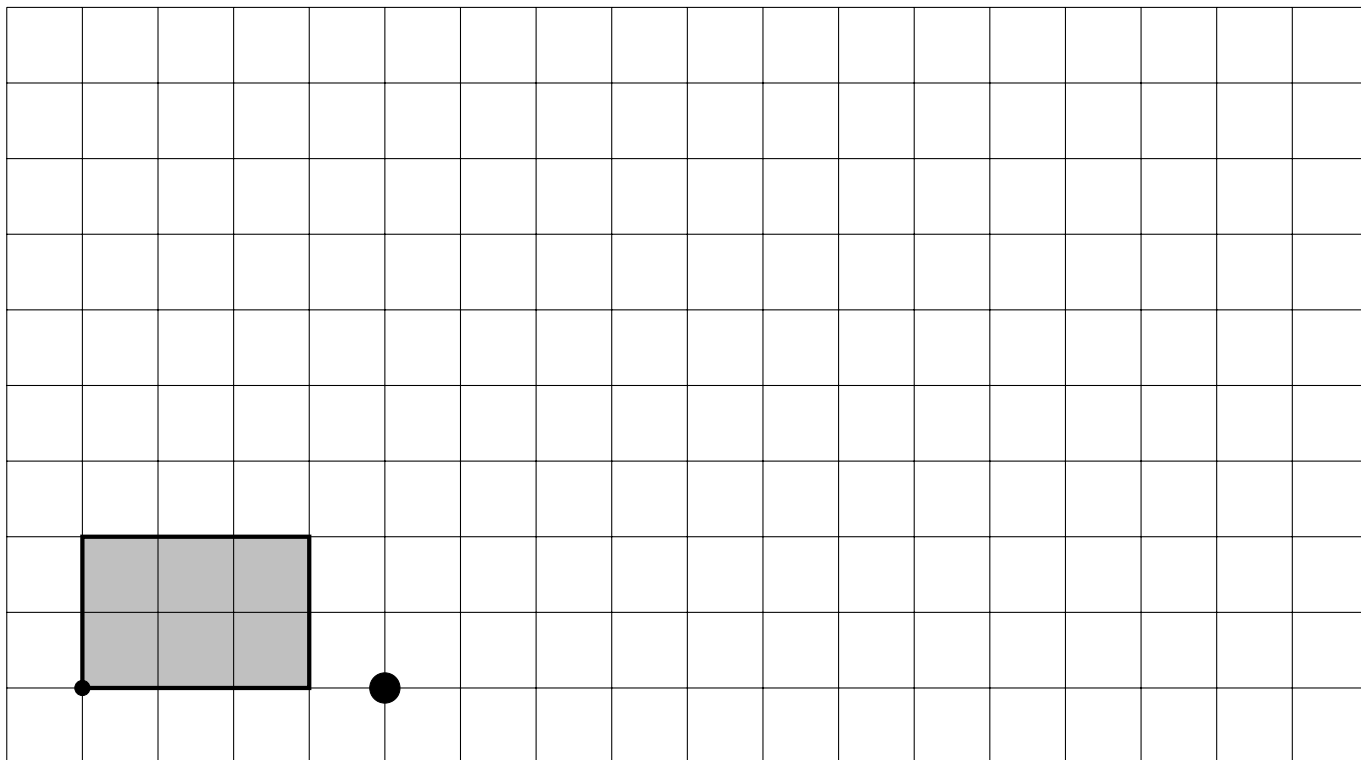
(ii) Write down the angle C   ......°

(i) 20 ± 1
(ii) 17 ± 1

(1 Mark)

3. Draw an enlargement of the shaded shape with a scale factor of 4
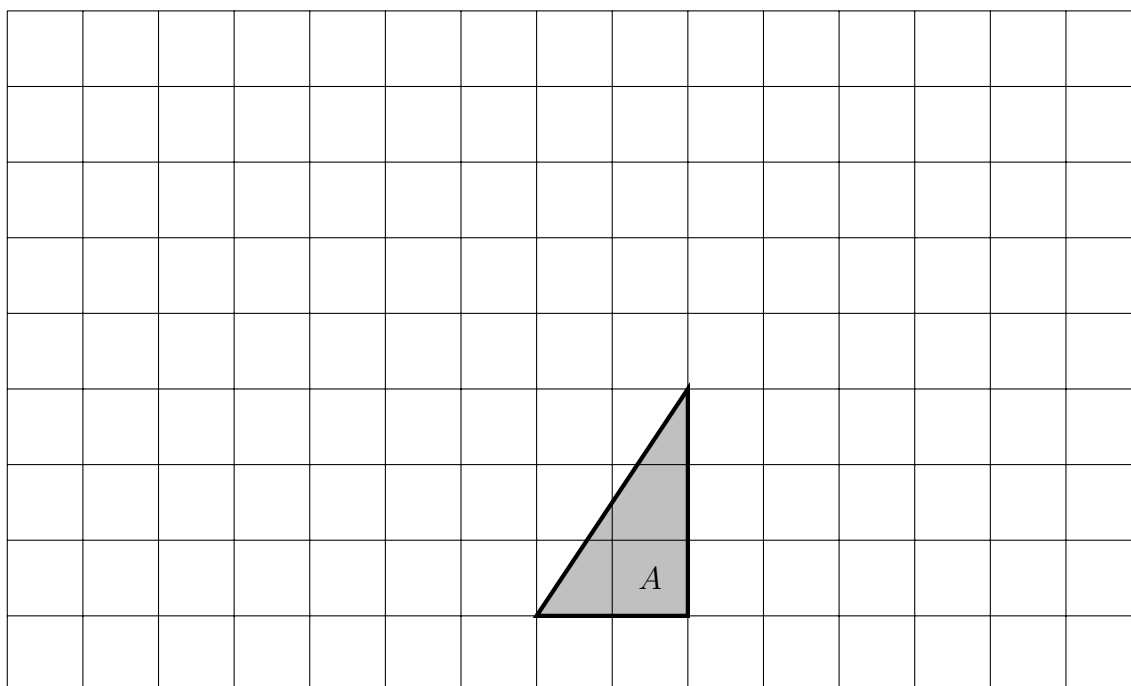
   You may use the formula: edge × scale factor = EDGE

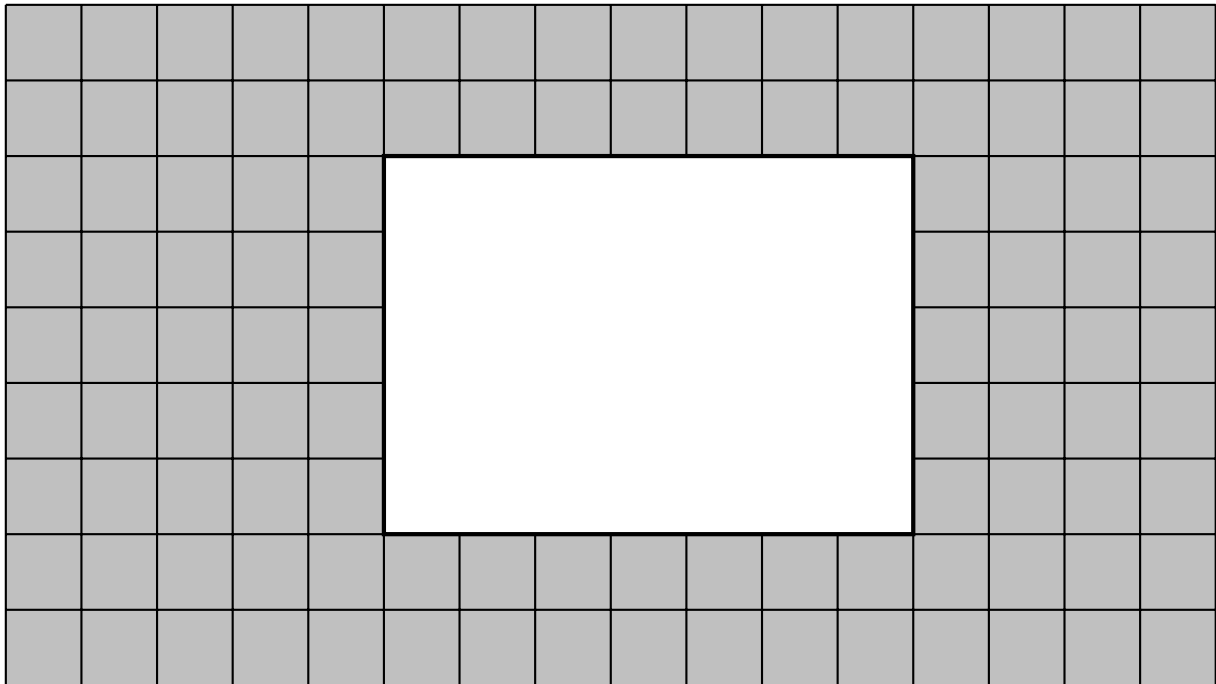**rectangle, width = 12, height = 8**

(1 Mark)

4. Translate shape A two squares to the left and one square up.

sorry no picture display facility for answers yet

(1 Mark)

5. Diana cut out a rectangle from grey centimetre squared paper.

Write down the area of Diana's rectangle.

..... **35** ..... cm^2

(1 Mark)

6. A stapler is 4 centimetres wide.

Write down the width of the stapler in millimetres.

..... **40** ..... mm

(1 Mark)

7. This table shows 3 ways to convert from centimetres to millimetres.

proportional triangle	conversion stick	function diagram
$\div \dfrac{\text{mm}}{\text{cm} \ \times \ 10} \div$	0 10 20 30 mm 0 1 2 3 cm	cm $\xrightarrow{\times \ 10}$ mm

(i) Complete these distance conversion sticks or facts.

0 1 2 3 cm 0 mm	0 1 2 3 km 0 m	0 1 2 3 m 0 mm
1 cm = ... mm	1 km = ... m	1 m = ... mm

(ii) Complete these other conversion sticks or facts.

0 1 2 3 m	0 1 2 3 kg	0 1 2 3 litre
0 cm	0 gram	0 ml
1 m = ... cm	1 kg = ... gram	1 litre = ... ml

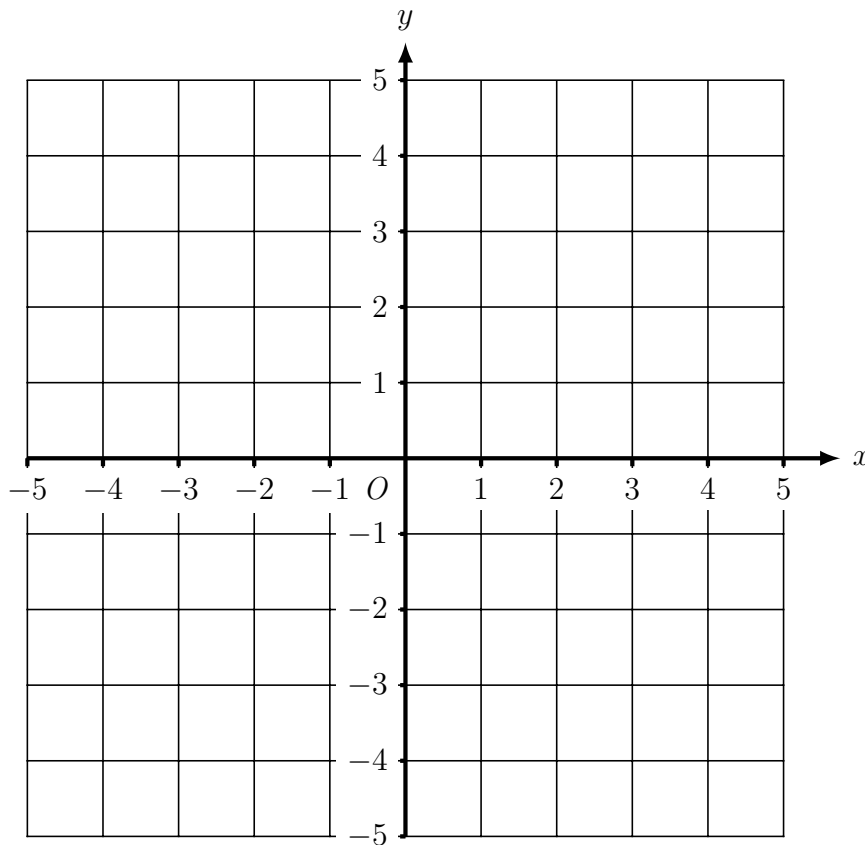**(i) distance sticks: 10, 20, 30; 1000, 2000, 3000; 1000, 2000, 3000**
OR facts 10, 1000, 1000
(ii) other sticks: 100, 200, 300; 1000, 2000, 3000; 1000, 2000, 3000
OR facts 100, 1000, 1000

(1 Mark)

8. Here is a coordinate grid.

On the grid, mark with a cross (×)

(i) the point (3 , 2) and label this point A

(ii) the point (2 , -4) and label this point B

(iii) the point (-4 , -1) and label this point C   (3 Marks)

(3 , 2) and (2 , -4) and (-4 , -1) plotted (B1) each