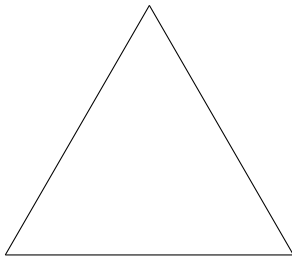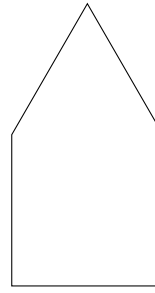1. (i) For each shape, draw on **all** the lines of symmetry.

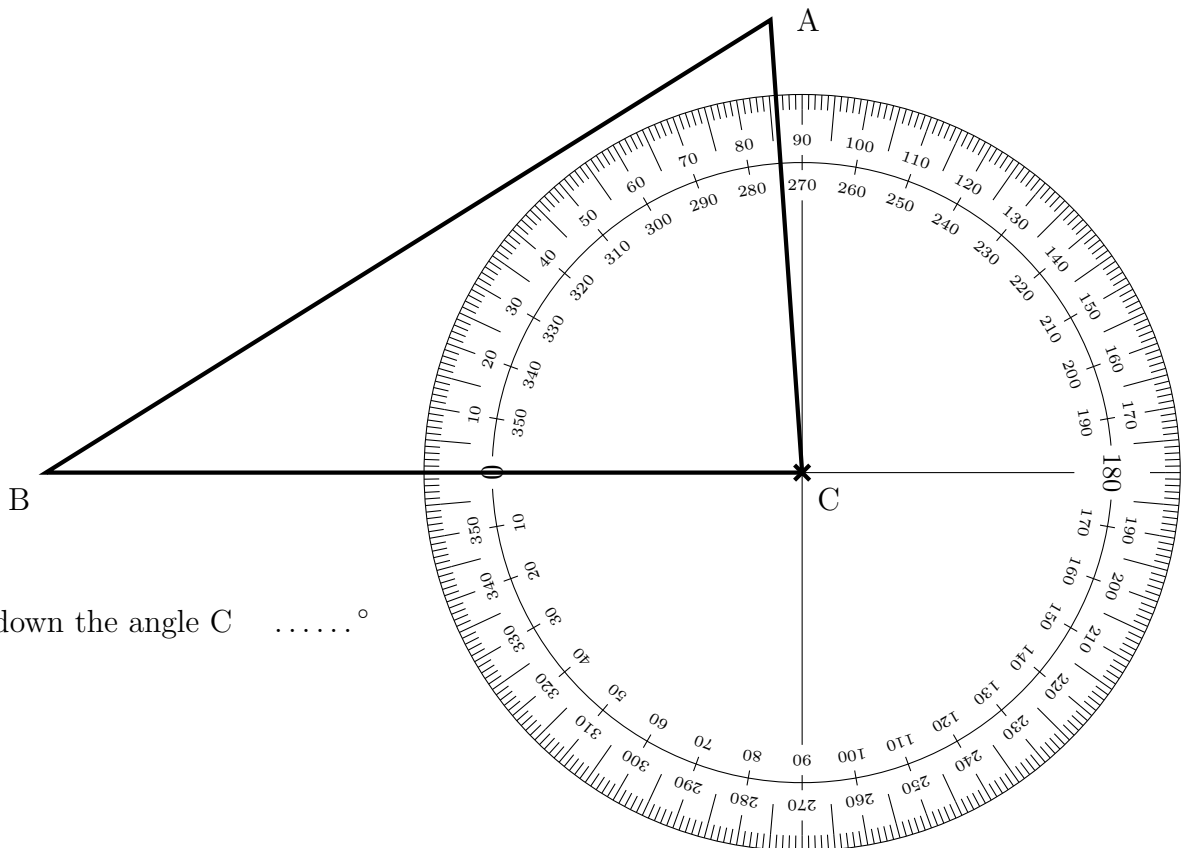. . . lines of symmetry   . . . lines of symmetry

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

(i) sorry no diagram (ii) left: 3, 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 an angle measurer ready to measure angle ACB in triangle ABC.
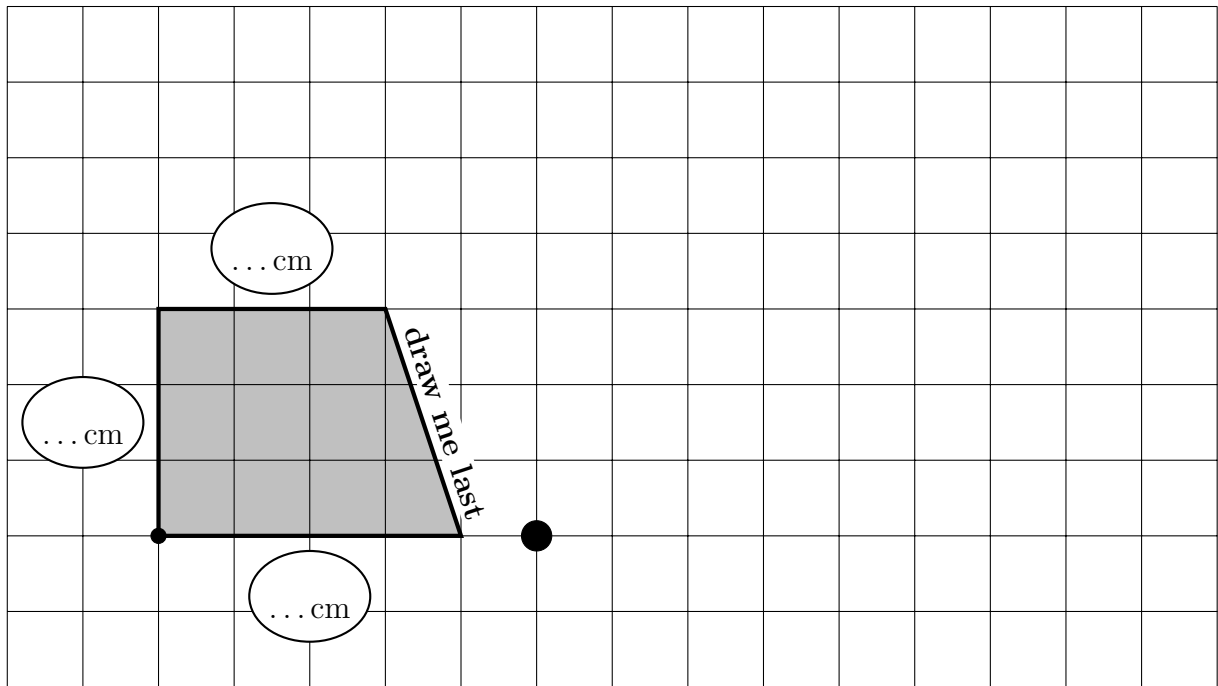

Write down the angle C   . . . . . .°

86 ± 1

(1 Mark)

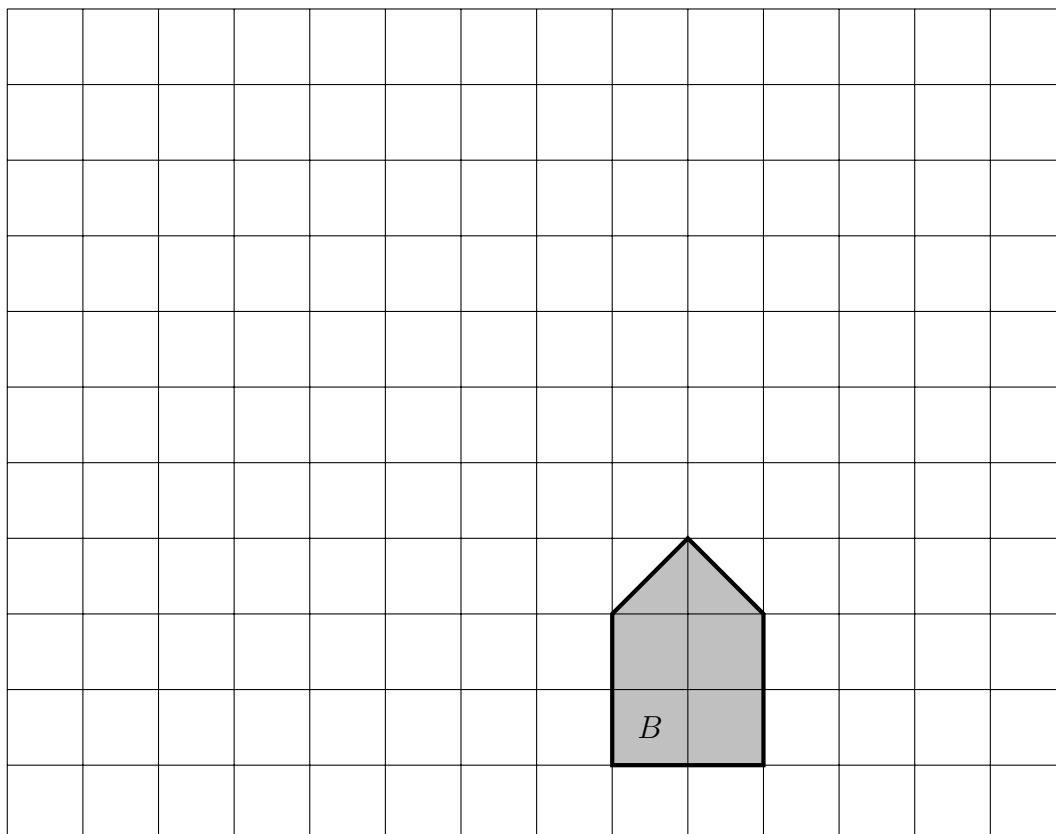3. Draw an enlargement of the shaded shape with a scale factor of 2

You may use the formula: edge × scale factor = EDGE

... cm

... cm

... cm

draw me last

right trapezium: base = 8, top = 6, left height = 6
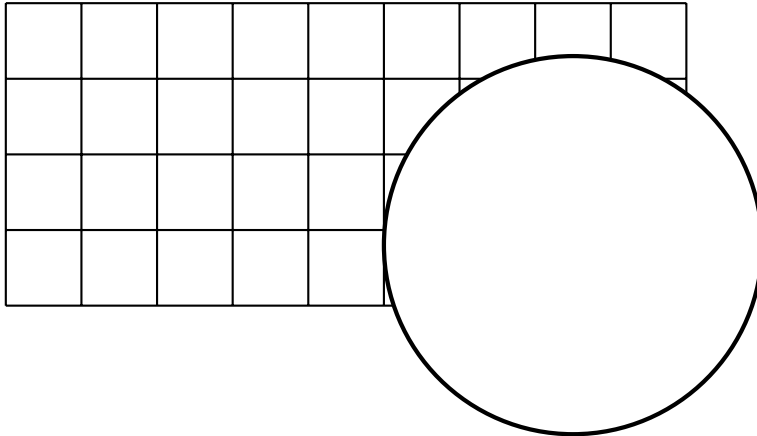
(1 Mark)

4. Translate shape B four squares to the left and two squares up.

B

sorry no picture display facility for answers yet

(1 Mark)

5. A maths teacher hid part of a rectangle with a white circle.

   Write down the area of the rectangle.

   $\ldots\ldots$ **36** $\ldots\ldots$ cm^2

(1 Mark)

6. An exercise book is 21.3 centimetres wide.

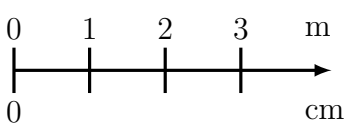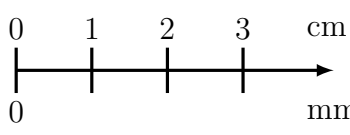   Write down the width of the exercise book in millimetres.

   $\ldots\ldots$ **213** $\ldots\ldots$ mm

(1 Mark)

7. (i) Complete these "kilo" conversion sticks or facts.

0 1 2 3 km	0 1 2 3 kg
0 m	0 gram
1 km = ... m	1 kg = ... gram

(ii) Complete these "milli" conversion sticks or facts.

0 1 2 3 m	0 1 2 3 litre
0 mm	0 ml
1 m = ... mm	1 litre = ... ml

(iii) Complete these useful extra distance conversion sticks or facts.

0　1　2　3　m ┠──┼──┼──┼──▶ 0　　　　　　cm	0　1　2　3　cm ┠──┼──┼──┼──▶ 0　　　　　　mm
1 m = ... cm	1 cm = ... mm

(i) kilo sticks: 1000, 2000, 3000; 1000, 2000, 3000
OR facts 1000, 1000
(ii) milli sticks: 1000, 2000, 3000; 1000, 2000, 3000
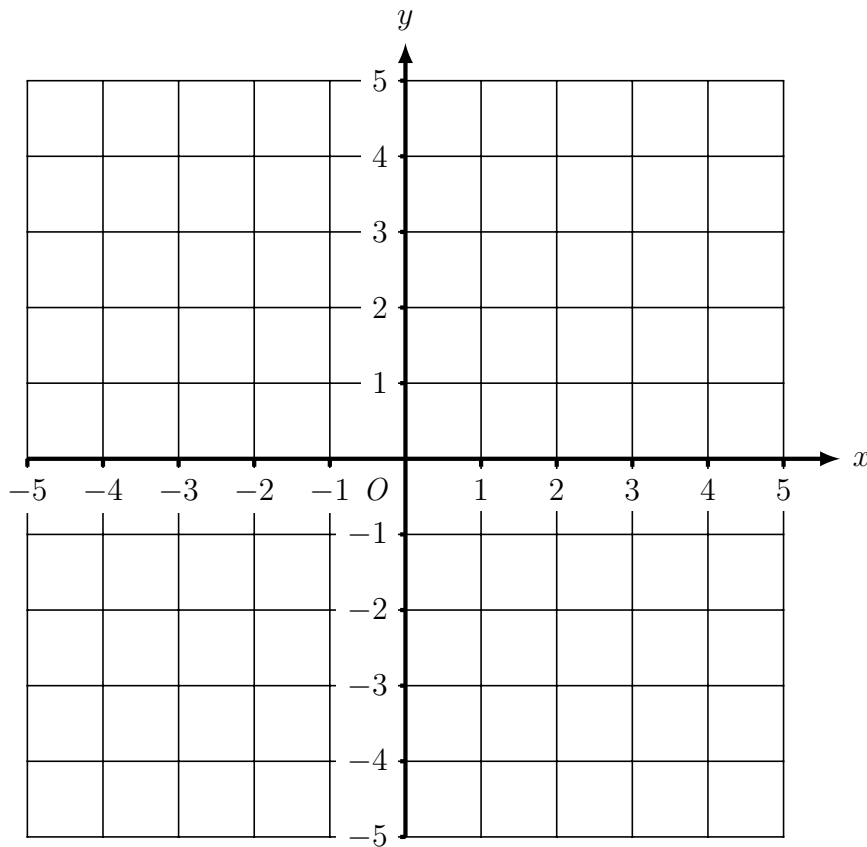**OR facts 100, 1000, 1000**
(iii) extra sticks: 100, 200, 300; 10, 20, 30
OR 100, 10

(1 Mark)

8. Here is a coordinate grid.

On the grid, mark with a cross ($\times$)

(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