GREEN ANSWERS

*Accurately drawn shapes. Get an adult to check.*
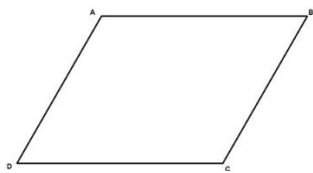
YELLOW ANSWERS

All answers must be accurately drawn

On a piece of squared paper, accurately draw the shapes.
- A square with perimeter 16 cm.
- A rectangle with an area of 20 cm².
- A right-angled triangle with a height of 8 cm and a base of 6 cm.
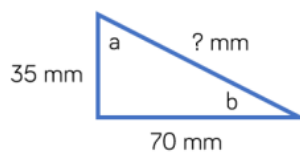- A parallelogram with sides 3 cm and 5 cm.

- A square with sides 4c long
- Sides may vary. 10cm by 2cm, 5cm by 4cm, 20cm by 1cm
- Right angle must be 90 degrees with lengths draw accurately
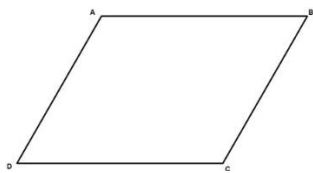
- Example of parallelogram. Sides must be drawn accurately

Draw the triangle accurately on squared paper to work out the missing length. Measure the size of angles A and B.
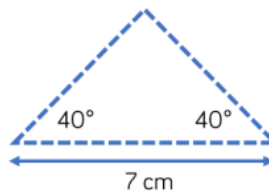
35 mm, a, ? mm, b, 70 mm
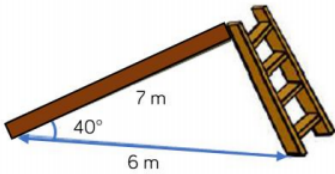
- Accurately drawn triangle. Ask adult to measure to check answer.

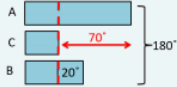Rosie has been asked to draw this triangle on plain paper using a protractor.

Create a step-by-step plan to show how she would do this.

40° 40° 7 cm

- Draw the base 7cm long.
- Measure 40 degrees from each vertices.
- Draw the other two lines with a ruler until they cross.

RED ANSWERS

Mr Harrison is designing a slide for the playground. 7 m 40° 6 m Use a scale of 1 cm to represent 1 m. Draw a scale diagram. Use the diagram to find out how long Mr Harrison needs the ladder to be.	Children will have to use the scale to give their answer in m once they have measured it in cm. The ladder should be approximately 4.5 m	What is the size of each interior angle of the regular shape below. Accurately draw a regular pentagon with side length 5 cm.	108°
		Eva has drawn a scalene triangle. Angle A is the biggest angle. Angle B is 20° larger than angle C. Angle C is the smallest angle, and it is 70° smaller than angle A. Use a bar model to help you calculate the size of each angle, then construct Eva's triangle. Is there more than one way to construct the triangle?	Angle A: 100° Angle B: 50° Angle C: 30° These angles would work with different side lengths.