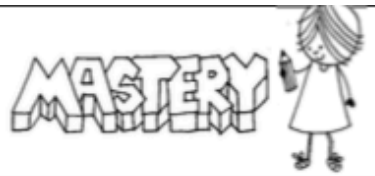
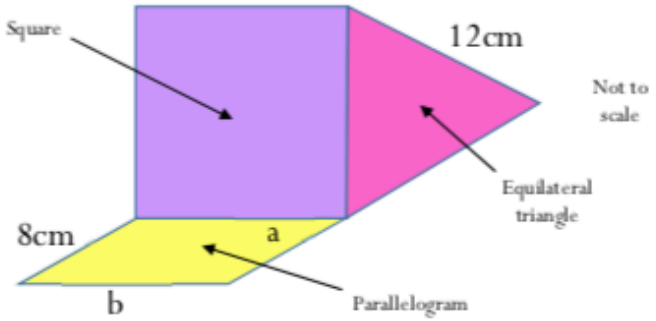
Year 5 – Geometry and Statistics

Identify missing lengths and angles / regular and irregular polygons



1 Look at the diagram below and work out the missing angle (a) and length (b). Which of the shapes are regular shapes?



2 Always, sometimes or never?

- A rectangle is a regular shape
- The angles round a point add up to 180°
- Hexagons are regular shapes

3 Rocco says that a rhombus is a shape with 4 equal sides, so it is a regular shape. Is he right?

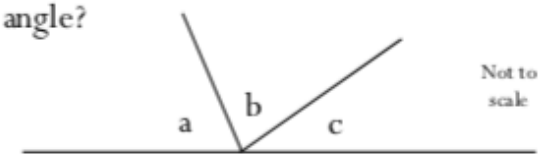
4 Elliott wants to measure a reflex angle, but he only has a 180° protractor so he says he can't do it. Bonnie says he can still do it. Is she right?



5 Look at the rectangle below. Angle x is five times as big as angle y. What is angle z?



6 Look at the straight line below. Angle a is 12° more than angle b. Angle c is 9° less than angle b. How big is each angle?



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