Sorting 2D shapes.
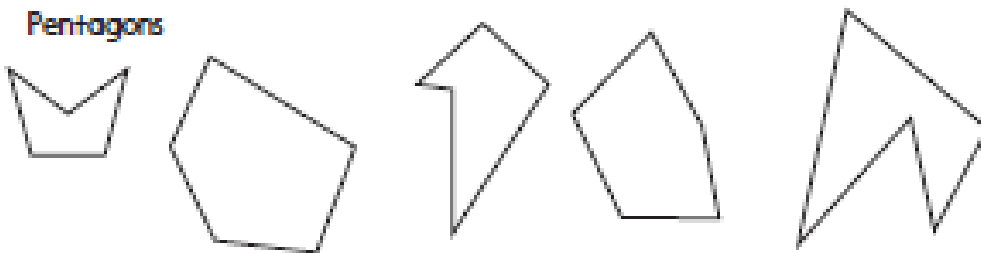
Answers
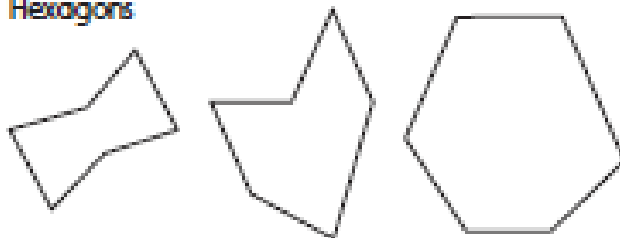
Shape practice (Mild)

Pentagons

Hexagons

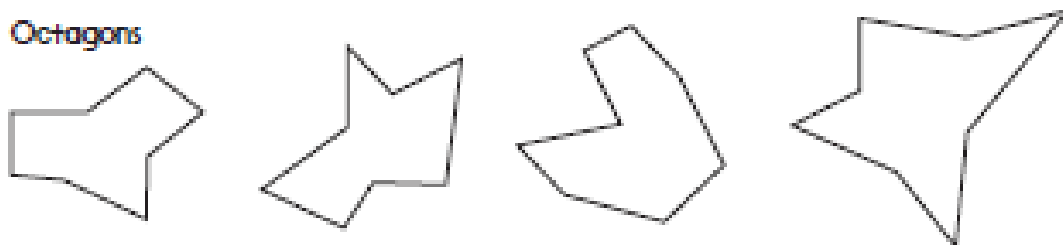**Octagons**

Challenge

This shape is left over:

It has 7 sides and is a heptagon.

Shape practice (Hot)

Challenge

Sarah is wrong. Her shape is a hexagon as it has 6 sides. If it was an octagon it would have 8 sides.
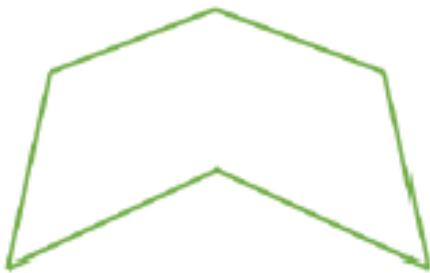
Answers.

Draw at least three differently shaped irregular hexagons.
Check that shapes have 6 sides and are closed figures; children
should be using a ruler and sharp pencil to draw shapes, e.g.

Draw another that has one line of symmetry.
This can be checked with a mirror, e.g.

True or false?
• All hexagons have straight sides
True as it is a polygon and polygons always have straight sides.
• A pentagon is always house-shaped
False. It can have many different appearances and a regular pentagon (5
equal sides and angles) is not 'house-shaped'.
• Any shape with four sides and four right angles is a type of rectangle
True as by definition a rectangle is a shape with 4 sides and 4 right
angles. Note that this includes a square which is a special type of
rectangle.
• A hexagon could have four right angles
True as it would be irregular.