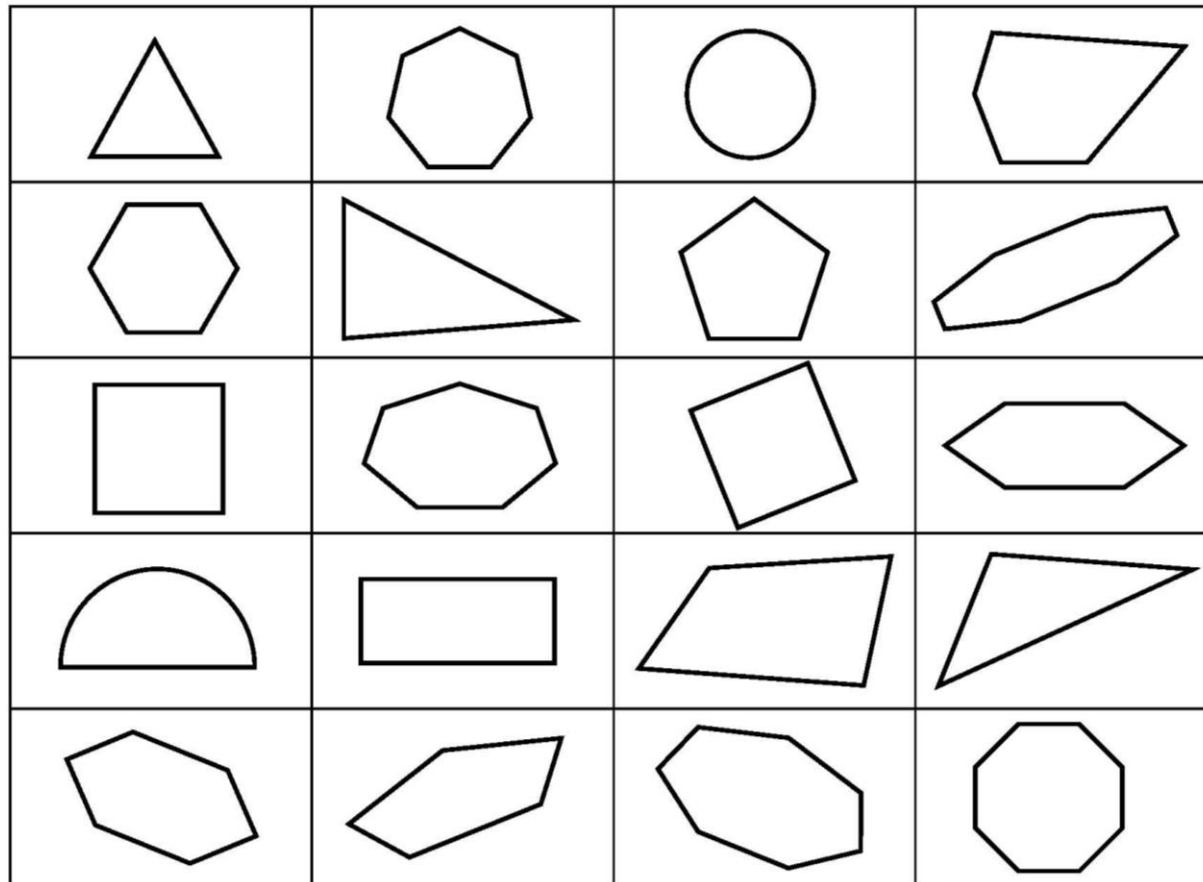# Describe properties of 2-D shapes including polygons.

Guess the shape

Note how most of the shapes are **polygons**. Shapes with all straight sides are called polygons. Circles, ovals and semicircles are not polygons even though they are 2-D shapes.

Describe properties of 2-D shapes including polygons.

Some useful vocabulary for describing shapes. This will help you with today's activities.

polygon

Regular shapes have all sides the same length and all angles the same size.
Irregular shapes do not!

Vertices are the corners of 2-D shapes.

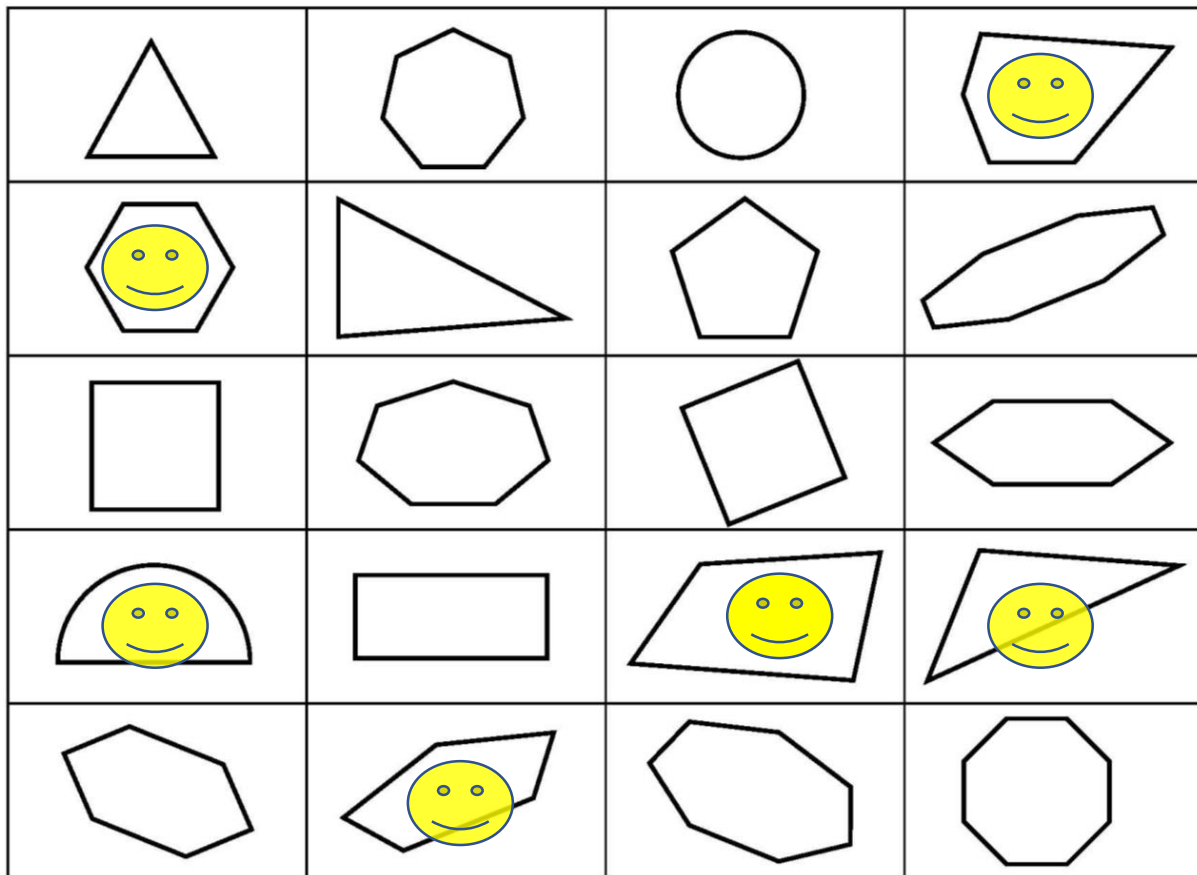## number of sides

A **right** angle measures exactly 90°.
An **acute** angle measures between 0 and 90°.
An **obtuse** angle measures between 90° and 180°.

A shape has **symmetry** if it can be divided into two parts that are mirror images.

Describe properties of 2-D shapes including polygons.

Guess the shape

Now make up some clues for identifying the other shapes! Try them out with an adult, can they figure them out?