# Lesson 4 Regular and Irregular Polygons (RECAP)

## Polygon

A <u>polygon</u> is a <u>plane</u> shape (two-dimensional) with straight sides. Examples include triangles, quadrilaterals, pentagons, hexagons and so on.

Regular Pentagon

# Regular

A "Regular Polygon" has:

- all sides equal and
- all angles equal.

Otherwise it is **irregular**.

Here we look at Regular Polygons only.

Definition of

Not regular. Can have many meanings in mathematics.

A regular shape has all sides equal and all angles equal.

So an **irregular shape** has at least one side different to the other sides, or angle different to the other angles.

This is an irregular pentagon:

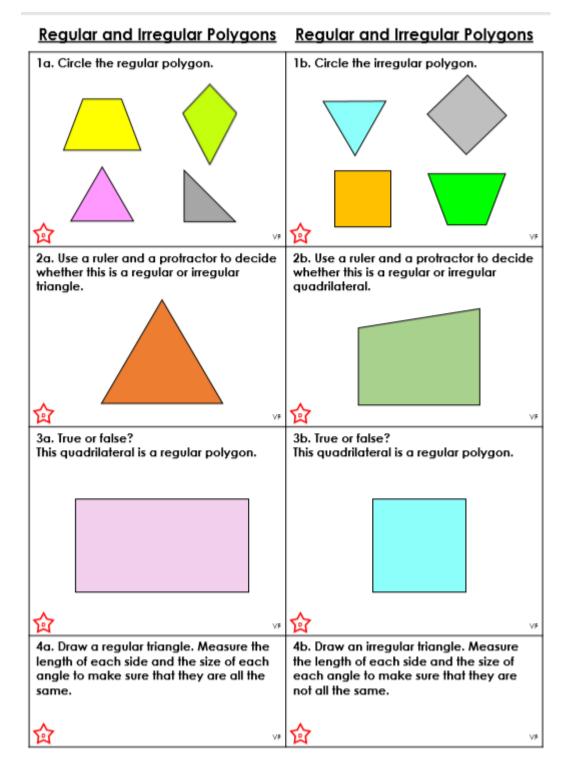
See: <u>Regular</u>

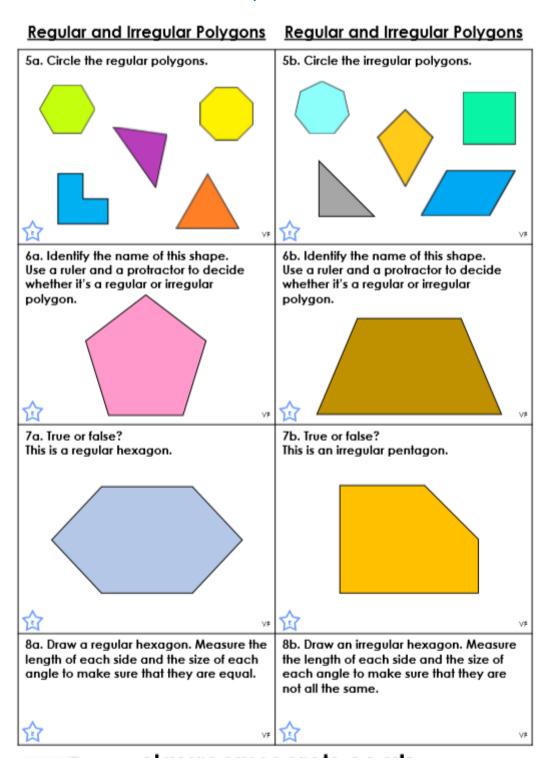
Irregular Pentagon



Choose a task that you feel confident in completing. 3 options that you have are developing, expected and greater depth.

# Developing





# Expected

#### Greater Depth

