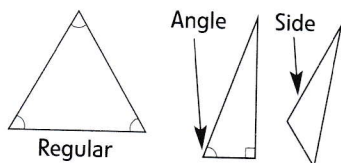


Polygons

2-dimensional shapes

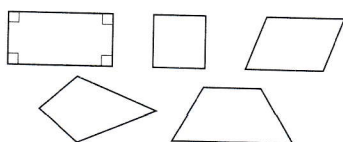
A **polygon** is any *two dimensional* (2-D) shape made up of *three or more straight sides*.

We are going to look at some polygons and their properties:



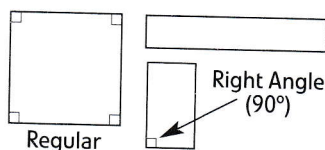
A **triangle** has 3 sides and 3 angles.

A regular triangle, where the 3 sides are the same length, and its angles are the same, is called an **equilateral triangle**.



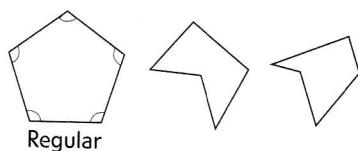
A **quadrilateral** is a 4-sided shape.

A rectangle, square, oblong, trapezium, rhombus and parallelogram are all quadrilaterals.



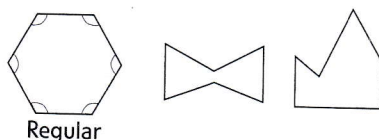
A **rectangle** has 4 sides and 4 right angles.

A rectangle that has two longer sides and two short sides is called an **oblong**. If all its sides are of equal length, it is called a **square**.

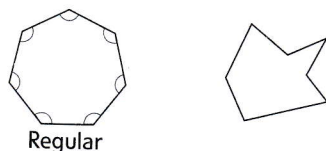


A **pentagon** has 5 sides and 5 angles.

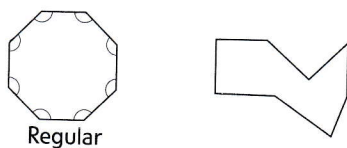
A **regular pentagon** has 5 equal sides and 5 equal angles.



A **hexagon** has 6 sides and 6 angles.



A **heptagon** has 7 sides and 7 angles.



An **octagon** has 8 sides and 8 angles.