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Identifying Angles



Acute angles Any angles that measure less than 90°



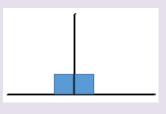
Obtuse angles Any angles that measure more than 90 ° and less than 180 °



Reflex angles Any angles that measure more than 180°



Right angle An angle that measures exactly 90°

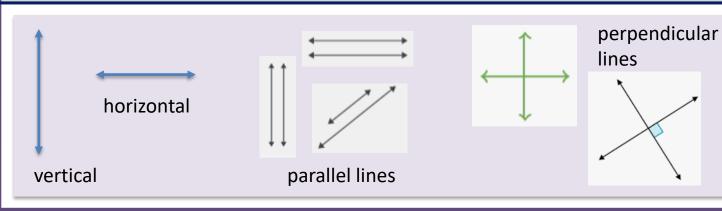


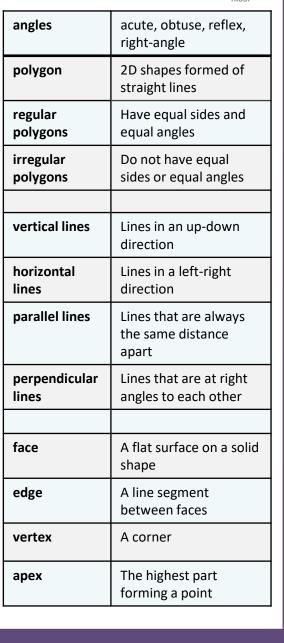
A **Straight line** is equal to 2 right angles measuring 180°



Protractors are used to measure angles

Types of Lines





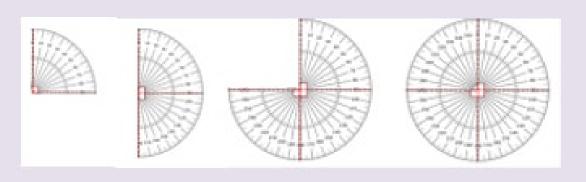
Vocabulary

full turn

4 right angles

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Measuring Angles



¼ turn

1 right angle

90°

½ turn

2 right angles

180°

¾ turn

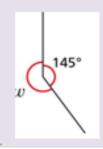
3 right angles

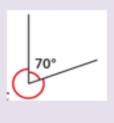
270° 360°

Angles on a straight line total 180°

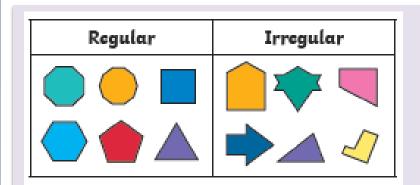


Angles around a point total 360°





Regular and Irregular polygons



A **polygon** is a 2 dimensional (2D) shape formed with straight lines.

Regular polygons have sides that are equal and angles that are equal.

In irregular polygons, sides and angles are not equal.