GEOMETRY: LINES AND ANGLES

What Are Lines and Angles?

There are 3 sets of **Lines**:

- **Intersecting Lines** are lines that cross and have one point in common.

- **Perpendicular lines** are special intersecting lines that form right angles (square corners) where they intersect.

- **Parallel lines** are lines that never cross. Parallel lines are always the same distance apart and do not share any points.

There are 4 sets of **Angles**:

- **Acut**

- **Obtu**

- **Righ**

- **Stra**

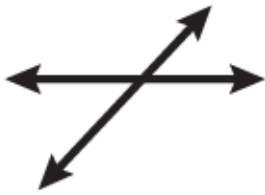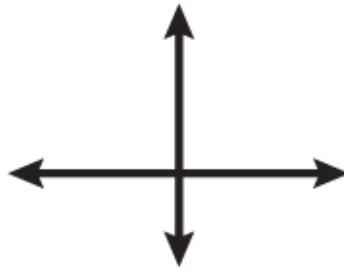# How to figure out Lines and Angles:

Lines: Decide if lines are intersecting, parallel or perpendicular based on what they look like.

Example:

Intersecting   **Perpendicular**   **Parallel**

To find **An~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~** angle.

Steps to ~~~~~~~~~~~

- Place ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ ngle.

- Place the zero edge of the protractor along on side of the angle.
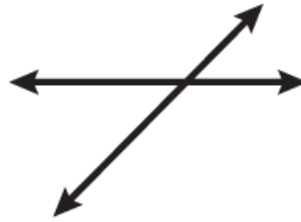
- Read the measure of the angle.

Example:

Acute angle

Straight angle

Try This!

Identify the lines as Perpendicular, Parallel, or Intersecting.

Measure each angle and identify it as acute, right, obtuse, or straight.

PREVIEW

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