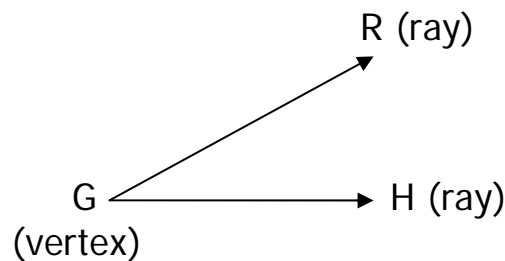


## Measuring Angles Angle Facts



- Angles are formed when two lines or rays meet. (A line connects two points and can go on forever in two directions. A ray has one endpoint and can go on forever in one direction.)
- The meeting point of two lines or two rays is called the **vertex**.



- Angles are measured in units called **degrees**. Angles can range in size between 0 and 180 degrees. (Remind students that a straight line is 180 degrees.)
- There are three major categories of angles: **right angle**, **obtuse angle**, and **acute angle**.
- A **right angle** has an exact measurement of 90 degrees.
- An **acute angle** has a measurement between 0 and 90 degrees.
- An **obtuse angle** has a measurement between 90 and 180 degrees.
- Angles are named either by the one letter assigned to the vertex ( $\angle G$ ) or by three letters with the vertex as the center letter and the remaining two letters denoting the lines or rays ( $\angle RGH$ ) of the angle.