Measuring Angles

An angle is formed by two rays that meet at a common endpoint called the vertex. The angle is measured in **degrees (°)**.

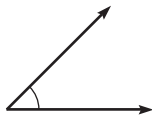An angle can be measured or created using a **protractor**.
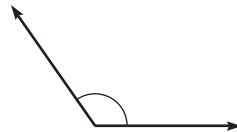
To measure an angle:

Place the protractor's center on the vertex of the angle, and the 0° mark on one of the angle's rays. Read the number in degrees where the other ray of the angle crosses the protractor.
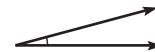
To create an angle:

Draw a dot to show the vertex of the angle. Place the center of the protractor on the vertex point. Draw another point at the 0° mark and another point at the angle degree mark. Draw rays from the vertex through the other points.

For Exercises **1** through **3**, measure the angles.

1.

2.

3.

_____   _____   _____

For Exercises **4** through **9**, draw the angles.

4. 65°   **5.** 90°   **6.** 145°

7. 75°   **8.** 135°   **9.** 180°