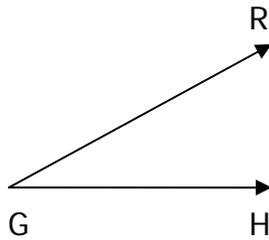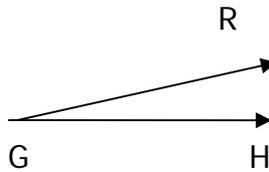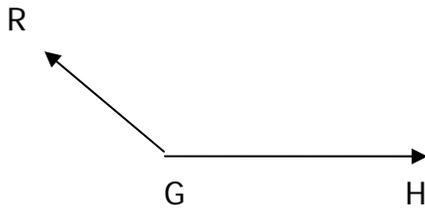# Measuring Angles
Angle Worksheet

Name:_____

Part I
Help RG and Hannie measure the following angles. Record each measurement in degrees. Identify each angle as an acute, obtuse, or right angle.
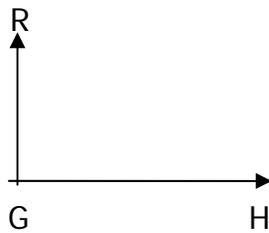
R

G   H   Measurement:_____ Type of Angle:_____

R

G   H   Measurement:_____ Type of Angle:_____
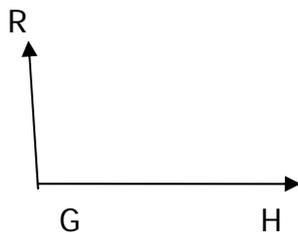
R

G   H   Measurement:_____ Type of Angle:_____

R

G   H   Measurement:_____ Type of Angle:_____

R

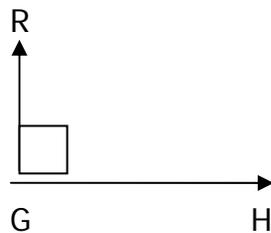G   H   Measurement:_____ Type of Angle:_____

Part II
The right angle RGH has a measurement of 90°. Divide the angle in
half by drawing a ray from the G Vertex and label it S.
What is the measurement of the RGS angle?
What is the measurement of the SGH angle?
Explain how you know your answers are correct.

R

G   H

Measurement of < RGS:_____
Measurement of <SGH: _____
Explain: _____
_____
_____

Part III
1. A truck is climbing a hill with a 15 degree grade. The grade is the
   pitch or steepness of the road. Draw a picture of the hill using your
   protractor.

2. A pizza is a circle. A circle measures 360°. Assume the center of the
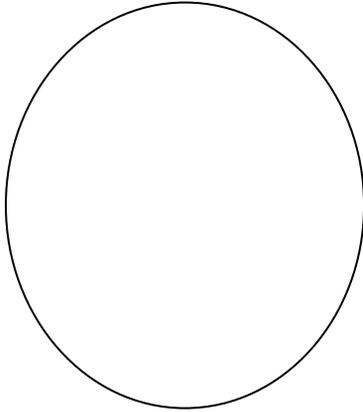   pizza is the vertex. Divide the pizza into four equal slices.
   What is the measurement of each angle?
   What types of angles are created?
   Explain how you know your answer is correct.

Measurement of each angle: _____
Type of angles: _____
Explain: _____
_____
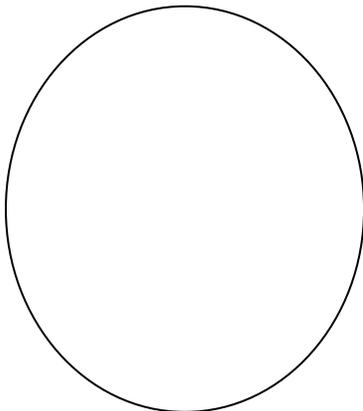_____

3. Divide another pizza into six slices with the center as the vertex.
   What is the measurement of each angle?
   What types of angles are created?
   Explain how you know your answer is correct.

Measurement of each angle: _____
Type of angles: _____
Explain: _____
_____
_____