

NAME: _____

UNIT 5 • TRANSFORMATIONS IN THE COORDINATE PLANE

Lesson 1: Introducing Transformations

Practice 5.1.1: Defining Terms

Use what you've learned to answer the questions that follow.

1. What is the part of a line with two endpoints P and Q ? How is it written?
2. What is the definition of a circle?
3. What is a term used to describe two lines that intersect to form a right angle?
4. What is the definition of a point?
5. What type of angle has a measure that is greater than 0° but less than 90° ?
6. What term is used to describe two rays or two line segments that share a common endpoint?
7. Two circular arcs, \widehat{AB} and \widehat{XY} , share the same center, O . The point A is on \overline{OX} and B is on \overline{OY} . What can be said about the relation of the lengths of \widehat{AB} and \widehat{XY} ?
8. Two circular arcs, \widehat{AB} and \widehat{AC} , share the same center, O . The point B lies on the circle between the points A and C . What can be said about the relation of the lengths of \widehat{AB} and \widehat{ABC} ?
9. What type of angle has a measure that is greater than 90° but less than 180° ?
10. What is the term used to describe the set of points between two points P and Q in a plane and the infinite number of points that continue beyond them?