PRE-TEST

Angles

Vocabulary

Fill in the blanks. Use the words in the box.

1. A _____________ is an exact location in space represented by a dot.

2. A _____________ is a straight path continuing without end in both directions.

3. A _____________ is a part of a line with two endpoints.

4. An _____________ is formed by two line segments with a common endpoint.

Concepts and Skills

Decide whether each pair of lines forms an angle. Write yes or no. Explain your answer.

5. a. [Diagram of two intersecting lines]
   b. [Diagram of a triangle]
   c. [Diagram of a straight line]

   _____________
   _____________
   _____________
Name the angles formed by the lines.

6. a. [Diagram of a triangle with vertices A, B, and C]
   b. [Diagram of a line segment with points X, Y, and Z]

Mark all the angles in each shape.

7. a. [Diagram of a triangle]
   b. [Diagram of a hexagon]

Which of these are right angles? Use a folded piece of paper to help you. Write yes or no. Explain your answer.

8. a. [Diagram of a line segment]
   b. [Diagram of a line segment]
   c. [Diagram of a line segment]
Study the angles and then answer the questions. Use a folded piece of paper to help you.

9.

a. Which angles are right angles?

b. Which angles are smaller than right angles?

c. Which angles are larger than right angles?