Name: _____ Period: _____ Date: _____

Exploring Angle Pairs Exit Quiz

Part A Instructions: Choose the option that completes the sentence or answers the question.

1. **A pair of complementary angles adds up to _____ degrees.**
   a. 180
   b. 90
   c. 360
   d. 270

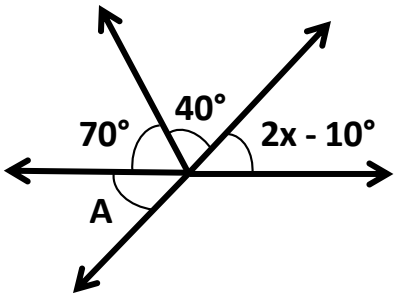
2. **A pair of supplementary angles adds up to _____ degrees.**
   a. 180
   b. 90
   c. 360
   d. 270

3. **The alternate exterior angles are on the opposite side of the transversal, but _____ the coplanar lines.**
   a. outside
   b. inside
   c. perpendicular to
   d. within

4. **Which of the following statements is correct?**
   a. If a transversal intersects two parallel lines, then the alternate angles formed are congruent.
   b. If a transversal intersects two parallel lines, then the corresponding angles formed are congruent.
   c. The vertical angles are always congruent.
   d. All of these.

Part B Instructions: Answer the question below.

5. **Find the angle A to the nearest degrees in the figure below.**



Name: _____ Period: _____ Date: _____

Exploring Angle Pairs Exit Quiz

Answers: **Part A Instructions:** Choose the option that completes the sentence or answers the question.

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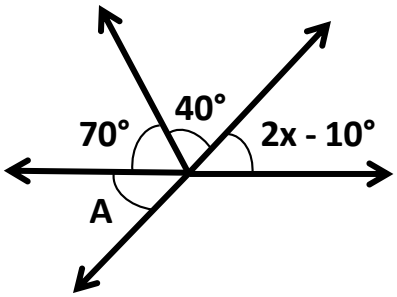
   b. If a transversal intersects two parallel lines, then the corresponding angles formed are congruent.
   c. The vertical angles are always congruent.
   d. All of these.

Part B Instructions: Answer the question below.

5. **Find the angle A to the nearest degrees in the figure below.**



A = 40°