Name: _____ Period: _____ Date: _____

Use Parallel Lines and Transversals Exit Quiz

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

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

2. **Two lines are parallel if:**
   a. They meet each other at 90 degrees
   b. They meet each other a point
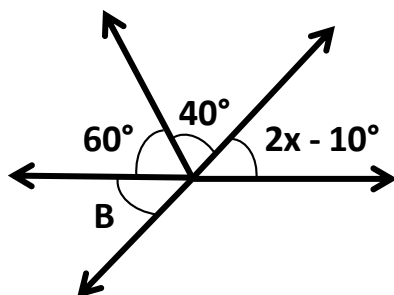   c. They never meet each other
   d. All of these

3. **The line which cuts two or more coplanar lines is called a _____.**
   a. Perpendicular
   b. Line Bisector
   c. Transversal
   d. None of these

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

5. **The interior angles on the same side of a transversal are:**
   a. Congruent
   b. Complementary
   c. Equal
   d. Supplementary

Part B Instructions: Answer the question below.

6. **Find the angle B to the nearest degrees in the figure below.**
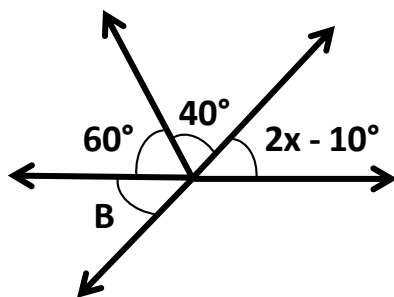

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Answers: <u>Part A</u> **Instructions:** Choose the option that completes the sentence or answers the question.

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<u>Part B</u> **Instructions:** Answer the question below.

1. **Find the angle B to the nearest degrees in the figure below.**

60° 40° 2x - 10°

B

B = 45°

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