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

1. **A pair of complementary angles adds up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees.**
	1. 180
	2. 90
	3. 360
	4. 270
2. **A pair of supplementary angles adds up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees.**
	1. 180
	2. 90
	3. 360
	4. 270
3. **The alternate exterior angles are on the opposite side of the transversal, but \_\_\_\_\_\_\_\_\_\_ the coplanar lines.**
	1. outside
	2. inside
	3. perpendicular to
	4. within
4. **Which of the following statements is correct?**
	1. If a transversal intersects two parallel lines, then the alternate angles formed are congruent.
	2. If a transversal intersects two parallel lines, then the corresponding angles formed are congruent.
	3. The vertical angles are always congruent.
	4. All of these.

**Part B Instructions:** Answer the question below.

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

**70°**

**40°**

**2x - 10°**

**A**

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

1. **A pair of complementary angles adds up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees.**
	1. 180
	2. 90
	3. 360
	4. 270
2. **A pair of supplementary angles adds up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees.**
	1. 180
	2. 90
	3. 360
	4. 270
3. **The alternate exterior angles are on the opposite side of the transversal, but \_\_\_\_\_\_\_\_\_\_ the coplanar lines.**
	1. outside
	2. inside
	3. perpendicular to
	4. within
4. **Which of the following statements is correct?**
	1. If a transversal intersects two parallel lines, then the alternate angles formed are congruent.
	2. If a transversal intersects two parallel lines, then the corresponding angles formed are congruent.
	3. The vertical angles are always congruent.
	4. All of these.

**Part B Instructions:** Answer the question below.

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

**70°**

**40°**

**2x - 10°**

**A**

 **A = 40°**