

Angles and the Unit Circle Exit Quiz

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

1. **An angle is in standard position when the vertex is at the origin and one ray is:**
 - a. On the positive y axis
 - b. On the positive x axis
 - c. On the negative y axis
 - d. On the negative x axis

2. **Two angles in standard position are coterminal angles if they have the same:**
 - a. Vertex
 - b. Measure
 - c. Initial side
 - d. Terminal side

3. **The x -coordinate of the point at which the terminal side of the angle intersects the unit circle is:**
 - a. Midline
 - b. Sine θ
 - c. Cosine θ
 - d. Unit circle

4. **The y -coordinate of the point at which the terminal side of the angle intersects the unit circle is:**
 - a. Midline
 - b. Sine θ
 - c. Cosine θ
 - d. Terminal side

Part B Instructions: Answer the question below.

5. **Which of the following angles is not coterminal with any of the other three?**
 - a. 45°
 - b. -45°
 - c. 315°
 - d. -405°

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Answers:

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- 4. The y -coordinate of the point at which the terminal side of the angle intersects the unit circle is:**
 - a. Midline
 - b. Sine θ**
 - c. Cosine θ
 - d. Terminal side

Part B Instructions: Answer the question below.

- 5. Which of the following angles is not coterminal with any of the other three?**
 - a. 45°**
 - b. -45°
 - c. 315°
 - d. -405°