

5. If the terminal side of angle θ , in standard position, passes through point $(-4, 3)$, what is the numerical value of $\sin \theta$?

- 1) $\frac{3}{5}$
- 2) $\frac{4}{5}$
- 3) $-\frac{3}{5}$
- 4) $-\frac{4}{5}$

6. A circle centered at the origin has a radius of 10 units. The terminal side of an angle, θ , intercepts the circle in Quadrant II at point C . The y -coordinate of point C is 8. What is the value of $\cos \theta$?

- 1) $-\frac{3}{5}$
- 2) $-\frac{3}{4}$
- 3) $\frac{3}{5}$
- 4) $\frac{4}{5}$

7. A circle centered at the origin has a radius of 4 units. The terminal side of an angle, θ , intercepts the circle in Quadrant III at point P . The x -coordinate of point P is 6. What is the value of $\cos \theta$?

8. The terminal side of an angle is point $(-\sqrt{11}, 5)$ which lies on the unit circle. What is the secant of this angle?