

A. Determine the unknown.

1)  $r = 100$  cm;  $s = 24$  cm;  $\theta = \underline{\hspace{2cm}}$  radians

2)  $r = 30$  cm;  $s = \underline{\hspace{2cm}}$  cm;  $\theta = 1$  radian

B. Find the coordinates of the point where the side of each angle terminates. (Follow the steps given to provide what is being asked.)

1)  $\theta = -\frac{5\pi}{4}$  radians

Quadrant:                     

Reference Angle:                     °

$$P\left(-\frac{5\pi}{4}\right) = \left(\frac{\sqrt{\square}}{\square}, \frac{\sqrt{\square}}{\square}\right)$$

2)  $\theta = \frac{7\pi}{3}$  radians

Quadrant:                     

Reference Angle:                     °

$$P\left(\frac{7\pi}{3}\right) = \left(\frac{\sqrt{\square}}{\square}, \frac{\sqrt{\square}}{\square}\right)$$