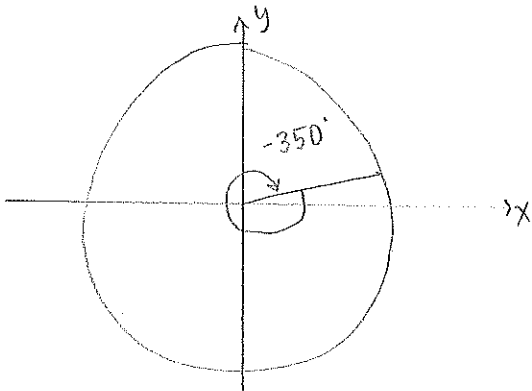


For each angle in standard position:

- Sketch the angle in standard position.
- Identify the reference angle.
- Determine the measure of the angles that are coterminal with the angle in the given domain.
- Write an expression for the measures of all the angles that are coterminal with the angle in standard position.

a) -350° (for $-400 \leq \theta \leq 400$)

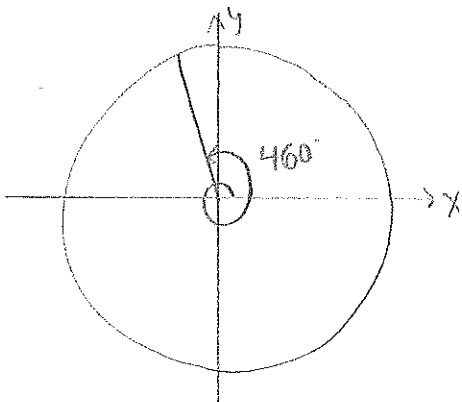


$$\theta_R = 10^\circ$$

$$\text{coterminal} = 10^\circ, 370^\circ$$

$$\boxed{-350^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$

b) 460° (for $-500 \leq \theta \leq 500$)

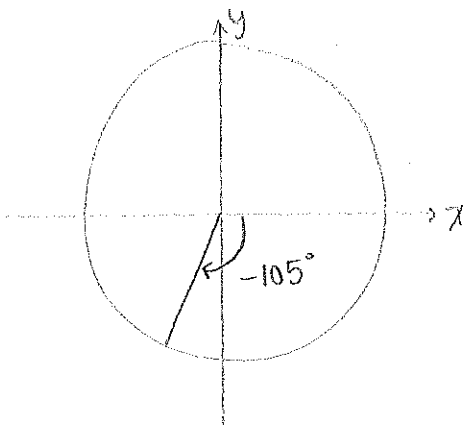


$$\theta_R = 80^\circ$$

$$\text{coterminal} = 100^\circ, -260^\circ$$

$$\boxed{460^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$

c) -105° (for $-600 \leq \theta \leq 600$)

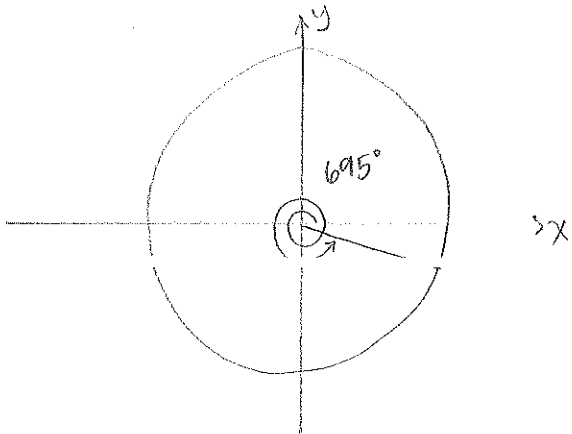


$$\theta_R = 75^\circ$$

$$\text{coterminal} = 255^\circ, -465^\circ$$

$$\boxed{-105^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$

d) 695° (for $-700 \leq \theta \leq 700$)

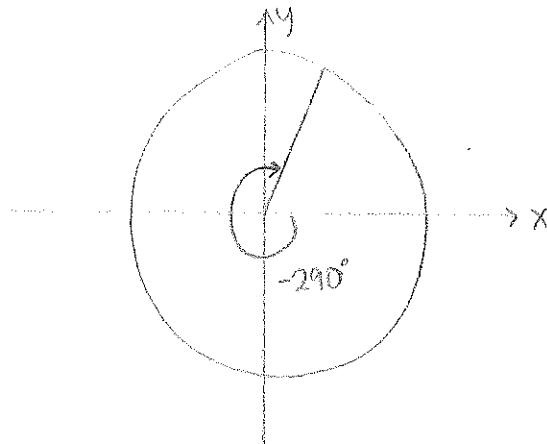


$$\theta_R = 25^\circ$$

$$\text{coterminal} = 335^\circ, -25^\circ, -385^\circ$$

$$\boxed{695^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$

e) -290° (for $-800 \leq \theta \leq 800$)

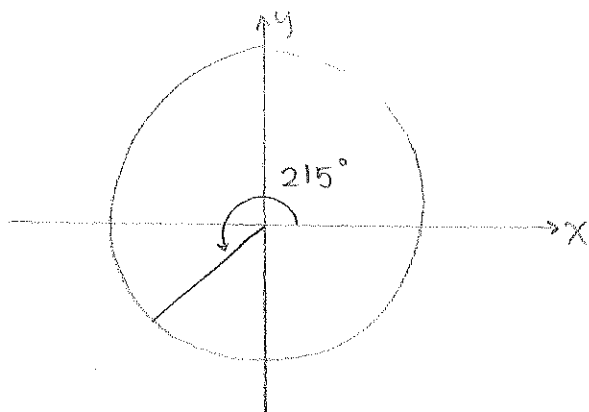


$$\theta_R = 70^\circ$$

$$\text{coterminal} = -650^\circ, 70^\circ, 430^\circ, 790^\circ$$

$$\boxed{-290^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$

f) 215° (for $-900 \leq \theta \leq 900$)



$$\theta_R = 35^\circ$$

$$\text{coterminal} = 575^\circ, -145^\circ, -505^\circ, -865^\circ$$

$$\boxed{215^\circ + 360^\circ n \quad (n \in \mathbb{Z})}$$