

# Warm-Up

Find a positive and a negative coterminal angle for each given angle.

1.  $825^\circ$

$\pm 360$

$$825 - 360 = 465^\circ$$

$$465 - 360 = 105^\circ$$

$$105 - 360 = -255^\circ$$

2.  $-\frac{8\pi}{3}$

$\pm 2\pi$

$$-\frac{8\pi}{3} + \frac{6\pi}{3} = -\frac{2\pi}{3}$$

$$-\frac{2\pi}{3} + \frac{6\pi}{3} = \frac{4\pi}{3}$$