

HW 6-2B Coterminal and Reference Angles

Period _____

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

1) 45°

2) -227°

3) $\frac{2\pi}{3}$

4) $-\frac{5\pi}{12}$

5) $\frac{5\pi}{3}$

6) $-\frac{3\pi}{4}$

State if the given angles are coterminal. If so, show why.

7) $110^\circ, -610^\circ$

8) $330^\circ, 630^\circ$

9) $\frac{10\pi}{9}, \frac{46\pi}{9}$

10) $\frac{19\pi}{36}, -\frac{89\pi}{36}$

Find the reference angle.

11) -340°

12) 220°

13) $\frac{5\pi}{3}$

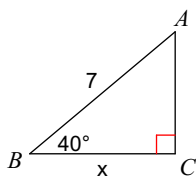
14) $-\frac{10\pi}{3}$

15) $-\frac{7\pi}{6}$

16) $\frac{13\pi}{4}$

Find the measure of each side indicated. Round to the nearest tenth.

17)



Find the measure of each angle indicated. Round to the nearest tenth.

18)

