

Reference and Coterminal Angles

1) State other coterminal angles for $\frac{13\pi}{18}$.

- a) $\frac{25\pi}{9}$ b) $-\frac{23\pi}{18}$ c) $\frac{85\pi}{18}$ d) $-\frac{59\pi}{18}$

2) Which of the following is a reference angle of 252° ?

- a) 38° b) 27° c) 72° d) 58°

3) What are the coterminal angles of 320° ?

- a) $680^\circ, -40^\circ$ d) $135^\circ, -405^\circ$

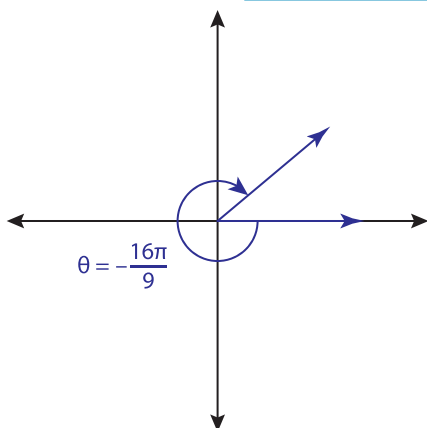
4) Are the angles 120° and 240° coterminal?

- a) yes, they are coterminal b) no, they are not coterminal

5) Which of the following is the reference angle of 313° ?

- a) 93° b) 47° c) 167° d) 281°

6) Which of the following is the reference angle of θ ?



- a) $\frac{2\pi}{9}$ b) $-\frac{52\pi}{9}$
 c) $-\frac{34\pi}{9}$ d) $\frac{15\pi}{9}$

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