Name:

Date:

Finding Co-terminal Angles and Reference Angles

Find a conterminal angle between $0°$ and $360°$.

1) $432°$

2) -560

3) $-750°$

4) $862°$

5) -430

6) 1230

Find a conterminal angle between 0 and 2π for each given angle.

7) $\frac{21\pi}{8}$

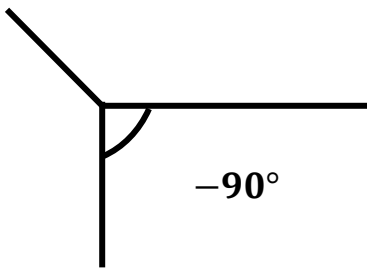
8) $-\frac{15\pi}{3}$

9) $-\frac{11\pi}{6}$

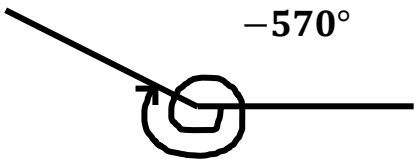
10) $\frac{23\pi}{5}$

Find the reference angle.

11)



12)



Finding Co-terminal Angles and Reference Angles

Name:

Date:

Answers

Find a conterminal angle between $0°$ and $360°$.

1) $432° = +72°$

2) $-560 = +160°$

3) $-750° = +330°$

4) $862° = 142°$

5) $-430 = +290°$

6) $1230 = +150°$

Find a conterminal angle between 0 and 2π for each given angle.

7) $\frac{21\pi}{8} = \frac{5\pi}{8}$

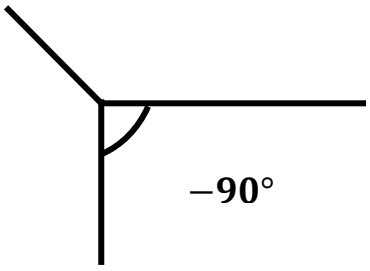
8) $-\frac{15\pi}{3} = \pi$

9) $-\frac{11\pi}{6} = \frac{\pi}{6}$

10) $\frac{23\pi}{5} = \frac{3\pi}{5}$

Find the reference angle.

11) $90°$



12) $30°$

