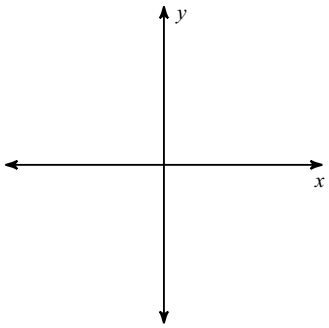
Degrees & Radians Practice

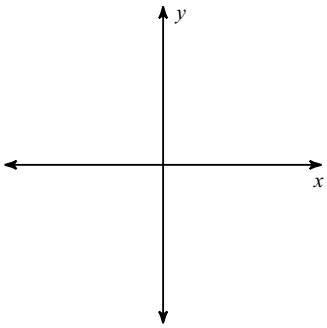
Date_____ Period____

Draw an angle with the given measure in standard position & name the quadrant where the terminal side is located.

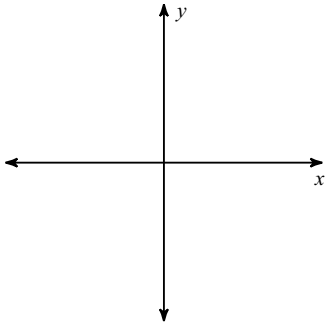
1) $190°$



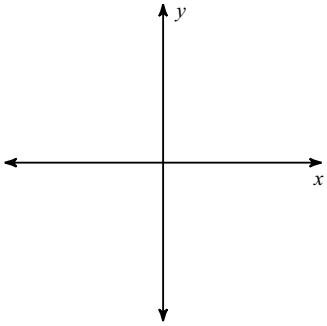
2) $-130°$



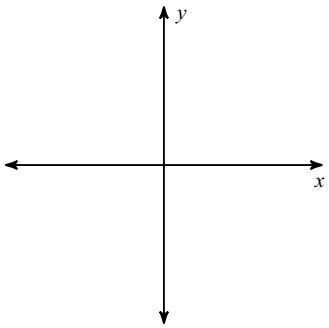
3) $-425°$



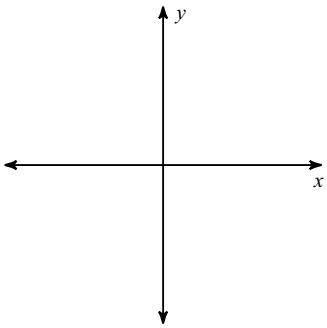
4) $700°$



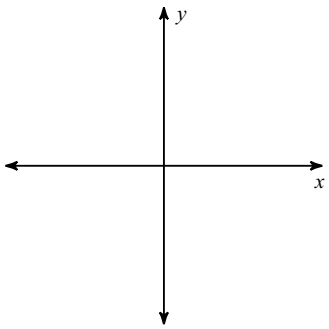
5) $-\frac{4\pi}{3}$



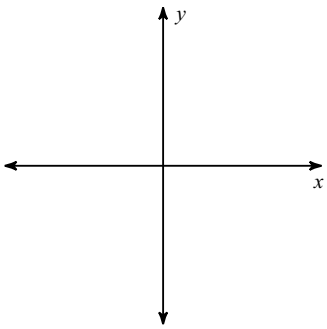
6) $\frac{13\pi}{4}$



7) $-\frac{13\pi}{6}$

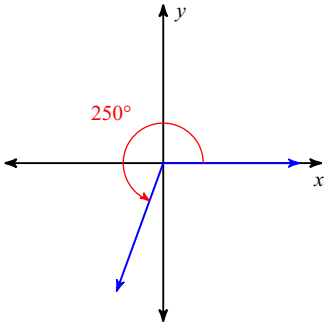


8) $\frac{11\pi}{6}$

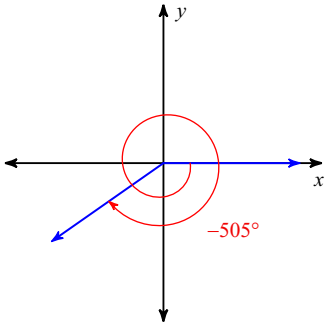


Find the reference angle.

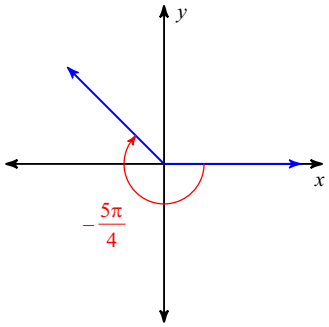
9)



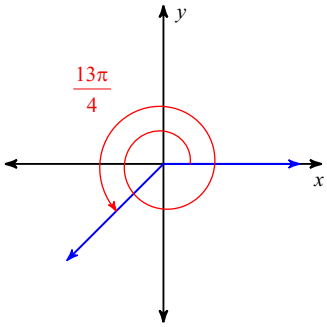
10)



11)



12)



13) $-370°$

14) $295°$

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

16) $\frac{7\pi}{4}$

Find a positive & negative coterminal angle for each angle.

17) $-580°$

18) $\frac{11\pi}{18}$

19) $600°$

20) $-\frac{9\pi}{4}$

21) $\frac{11\pi}{6}$

22) $120°$

Find the complement and supplement of each angle.

23) $\frac{5\pi}{6}$

24) $32°$

25) $\frac{5\pi}{4}$

26) $\frac{3\pi}{8}$

27) $125°$

28) $\frac{\pi}{12}$

Convert each angle measure to decimal degree form. Round to the thounsandths.

29) 47°14' 3"

30) -129°44' 23"

31) 229° 15"

32) -37° 53'

Convert each angle measure to DMS form.

33) 128.16°

34) 36.125°

35) -256.835°

36) -0.816°