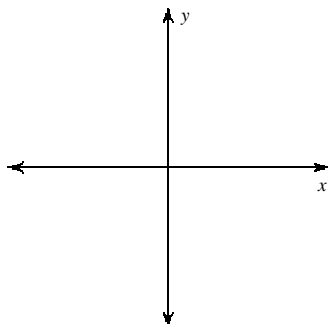


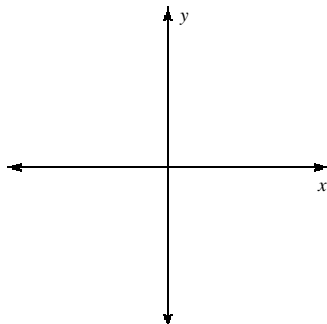
## Q3HW1 - All work on looseleaf except #1 &amp; #2

**Draw an angle with the given measure in standard position.**

1)  $-40^\circ$



2)  $535^\circ$



**Find the reference angle.**

3)  $290^\circ$

4)  $-110^\circ$

5)  $550^\circ$

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

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

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

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

9)  $215^\circ$

10)  $300^\circ$

11)  $\frac{\pi}{4}$

12)  $\frac{7\pi}{12}$

**Convert each degree measure into radians.**

13)  $110^\circ$

14)  $420^\circ$

15)  $135^\circ$

16)  $660^\circ$

**Convert each radian measure into degrees.**

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

18)  $-\frac{43\pi}{36}$

19)  $-\frac{\pi}{2}$

20)  $\frac{77\pi}{18}$

**Find the exact value of each trigonometric function.**

21)  $\sin -960^\circ$

22)  $\sin 1050^\circ$

23)  $\cos 765^\circ$

24)  $\cos 840^\circ$

25)  $\tan -540^\circ$

26)  $\tan -630^\circ$

27)  $\csc 690^\circ$

28)  $\sec 45^\circ$