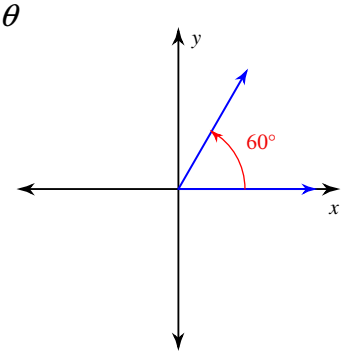
Name_____

Exact Trig Values of Special Angles

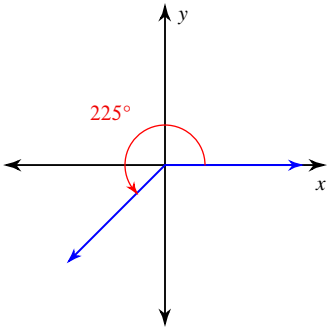
Date_____ Period____

Find the exact value of each trigonometric function.

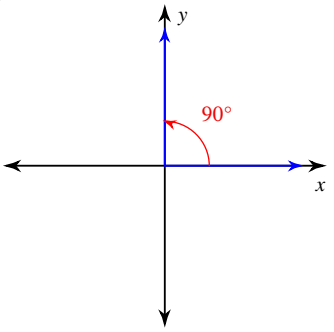
1) tan θ



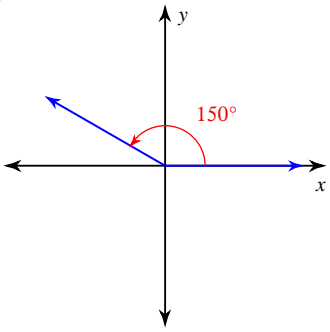
2) sin θ



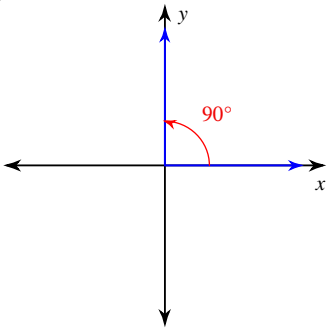
3) sin θ



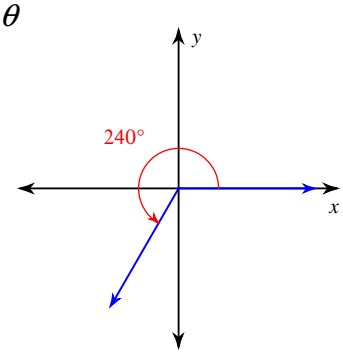
4) cos θ



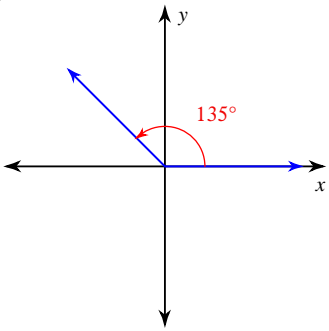
5) cos θ



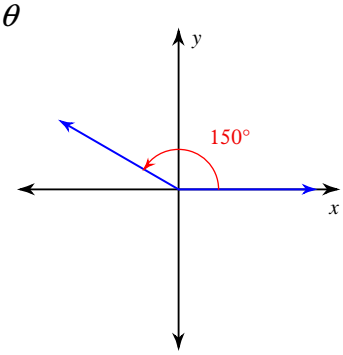
6) tan θ



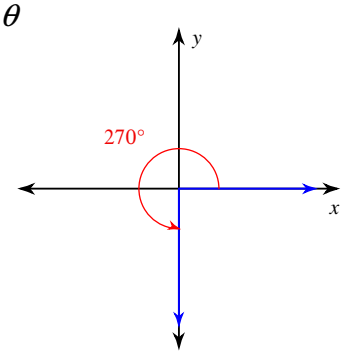
7) cos θ



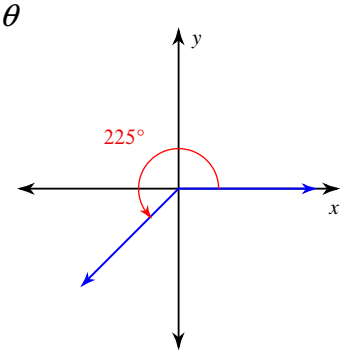
8) tan θ



9) $\cos\theta$



10) $\tan\theta$



11) $\cos 270°$

12) $\sin 0$

13) $\cot\frac{7\pi}{4}$

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

15) $\csc 225°$

16) $\sin 300°$

17) $\csc 90°$

18) $\tan 240°$

19) $\sin\frac{\pi}{4}$

20) $\tan 120°$

21) $\tan -\frac{13\pi}{6}$

22) $\cos -630°$

23) $\cos 990°$

24) $\csc -\frac{31\pi}{6}$

25) $\csc -\frac{5\pi}{6}$

26) $\cos -\frac{17\pi}{3}$

27) $\sin\frac{29\pi}{6}$

28) $\sec 945°$

29) $\cos -\frac{11\pi}{2}$

30) $\sin -2\pi$