

Precalculus  
Reading the Unit Circle Worksheet (#2)

S.Hogan

Find the exact value for each expression by using your unit circle.

	Expression	Solution and Work	Point You Used
1	$\sin 60^\circ$		
2	$\cos 45^\circ$		
3	$\sin 135^\circ$		
4	$\cos 150^\circ$		
5	$\tan 60^\circ$		
6	$\cot 360^\circ$		
7	$\sec 90^\circ$		
8	$\csc 150^\circ$		
9	$\tan 225^\circ$		
10	$\cot 330^\circ$		

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Find the exact value for each expression by using your unit circle.

	Expression	Solution and Work	Point You Used
11	$\sin \frac{\pi}{2}$		
12	$\cos \frac{4\pi}{3}$		
13	$\sin \frac{7\pi}{4}$		
14	$\cos \frac{3\pi}{2}$		
15	$\tan \frac{\pi}{4}$		
16	$\cot \frac{5\pi}{6}$		
17	$\sec 2\pi$		
18	$\csc \frac{7\pi}{4}$		
19	$\tan \pi$		
20	$\cot \frac{2\pi}{3}$		