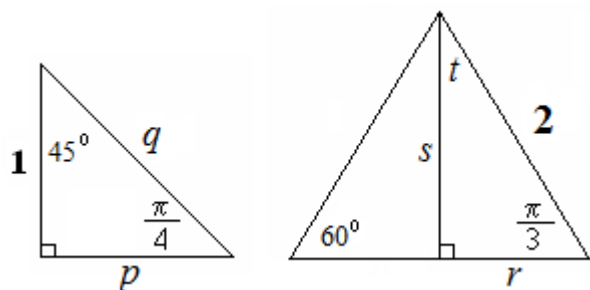


Special Angles (quadrant I)



[1] Give exact values for the missing values in the diagram. t is an angle measure.

$p =$

$q =$

$r =$

$s =$

$t =$

Evaluate.

[2] $\sin \frac{\pi}{4}$

[3] $\cos \frac{\pi}{6}$

[4] $\tan \frac{\pi}{3}$

[5] $\sin 30^\circ$

[6] $\cos 60^\circ$

[7] $\tan 45^\circ$

[8] $\sin \frac{\pi}{3}$

[9] $\cos \frac{\pi}{4}$

[10] $\tan \frac{\pi}{6}$

[11] $\sin 45^\circ$

[12] $\cos 30^\circ$

[13] $\tan 60^\circ$

[14] $\sin \frac{\pi}{6}$

[15] $\cos \frac{\pi}{3}$

[16] $\tan \frac{\pi}{4}$

[17] $\sin 60^\circ$

[18] $\cos 45^\circ$

[19] $\tan 30^\circ$

[20] $\cot \frac{\pi}{4}$

[21] $\sec \frac{\pi}{6}$

[22] $\csc \frac{\pi}{3}$

[23] $\cot 30^\circ$

[24] $\sec 60^\circ$

[25] $\csc 45^\circ$

[26] $\cot \frac{\pi}{3}$

[27] $\sec \frac{\pi}{4}$

[28] $\csc \frac{\pi}{6}$

[29] $\cot 45^\circ$

[30] $\sec 30^\circ$

[31] $\csc 60^\circ$

[32] $\cot \frac{\pi}{6}$

[33] $\sec \frac{\pi}{3}$

[34] $\csc \frac{\pi}{4}$

[35] $\cot 60^\circ$

[36] $\sec 45^\circ$

[37] $\csc 30^\circ$