

Trig Functions Color By Number

Name: _____ Date: _____

Evaluate each trig ratio. Simplify your answers completely and show work. Use the answers to color in the picture.

$1] \sin -210^\circ$	$4] \csc \frac{3}{-2\pi}$	$2] \sec \frac{4}{7\pi}$	$5] \tan \frac{2}{7\pi}$
$7] \cot \frac{6}{-6}$	$8] \sin -600^\circ$	$3] \tan 390^\circ$	$6] \sec \frac{3}{-10\pi}$
$10] \cos 450^\circ$	$9] \cos \frac{6}{-5\pi}$	$0 = \text{dark blue}$ $1 = \text{black}$ $\frac{2\sqrt{3}}{3} = \text{pink}$ $\sqrt{2} = \text{orange}$ $-\frac{2\sqrt{3}}{3} = \text{orange}$ $-\frac{1}{2} = \text{brown}$ $\frac{1}{2} = \text{yellow}$ $\text{undefined} = \text{dark blue}$	$\frac{\sqrt{3}}{3} = \text{yellow}$ $-\frac{\sqrt{2}}{2} = \text{red}$ $-2 = \text{purple}$ $-1 = \text{light green}$ $-\sqrt{3} = \text{light green}$ $\frac{\sqrt{3}}{2} = \text{dark green}$ $-\frac{\sqrt{3}}{2} = \text{red}$

