

$$f(x) = \sin(x)$$

Step 1: Use the function to fill out the table.

Step 2: Plot the points on the graph. Use the approximations below.

$$\sqrt{3}/3 \approx 0.58$$

$$\sqrt{2}/2 \approx 0.71$$

$$\sqrt{3}/2 \approx 0.86$$

$$2\sqrt{3}/3 \approx 1.15$$

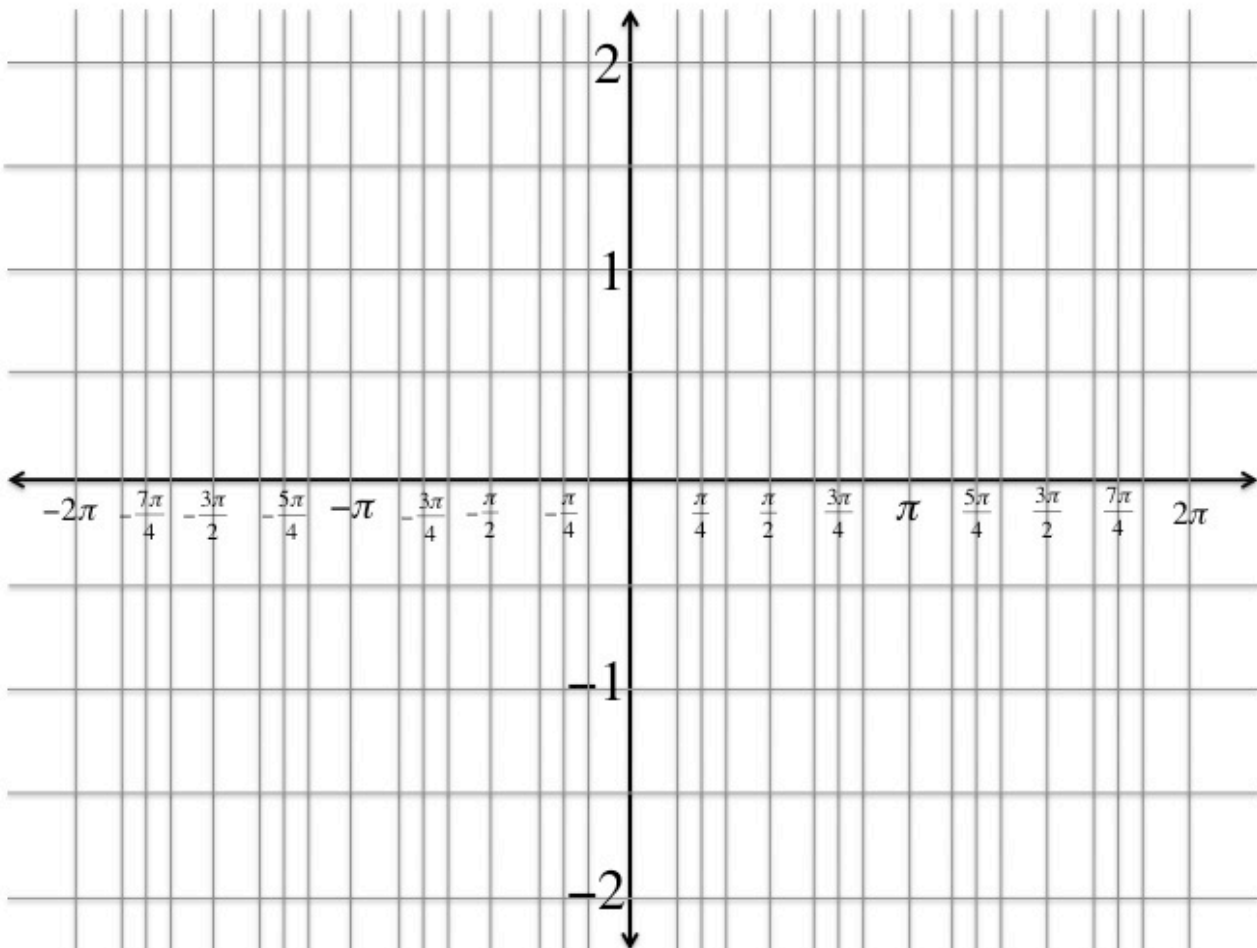
$$\sqrt{2} \approx 1.41$$

$$\sqrt{3} \approx 1.73$$

x	y
-2π	
$-\frac{11\pi}{6}$	
$-\frac{7\pi}{4}$	
$-\frac{5\pi}{3}$	
$-\frac{3\pi}{2}$	
$-\frac{4\pi}{3}$	
$-\frac{5\pi}{4}$	
$-\frac{7\pi}{6}$	
$-\pi$	
$-\frac{5\pi}{6}$	
$-\frac{3\pi}{4}$	

...	
$-\frac{2\pi}{3}$	
$-\frac{\pi}{2}$	
$-\frac{\pi}{3}$	
$-\frac{\pi}{4}$	
$-\frac{\pi}{6}$	
0	
$\frac{\pi}{6}$	
$\frac{\pi}{4}$	
$\frac{\pi}{3}$	
$\frac{\pi}{2}$	
$\frac{2\pi}{3}$	

...	
$\frac{3\pi}{4}$	
$\frac{5\pi}{6}$	
π	
$\frac{7\pi}{6}$	
$\frac{5\pi}{4}$	
$\frac{4\pi}{3}$	
$\frac{3\pi}{2}$	
$\frac{5\pi}{3}$	
$\frac{7\pi}{4}$	
$\frac{11\pi}{6}$	
2π	



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$-\frac{7\pi}{6}$	
$-\pi$	
$-\frac{5\pi}{6}$	
$-\frac{3\pi}{4}$	

...	
$-\frac{2\pi}{3}$	
$-\frac{\pi}{2}$	
$-\frac{\pi}{3}$	
$-\frac{\pi}{4}$	
$-\frac{\pi}{6}$	
0	
$\frac{\pi}{6}$	
$\frac{\pi}{4}$	
$\frac{\pi}{3}$	
$\frac{\pi}{2}$	
$\frac{2\pi}{3}$	

...	
$\frac{3\pi}{4}$	
$\frac{5\pi}{6}$	
π	
$\frac{7\pi}{6}$	
$\frac{5\pi}{4}$	
$\frac{4\pi}{3}$	
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$\frac{5\pi}{3}$	
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2π	

