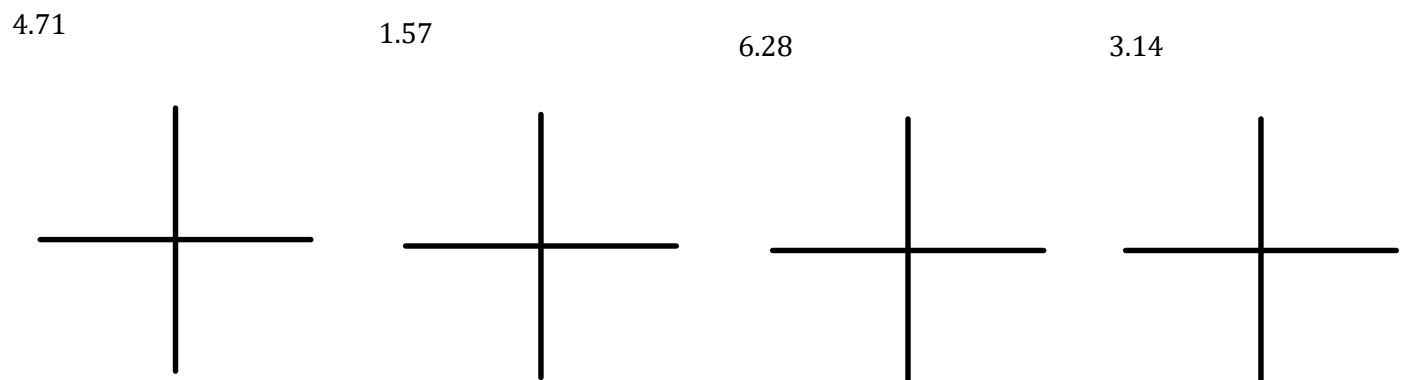
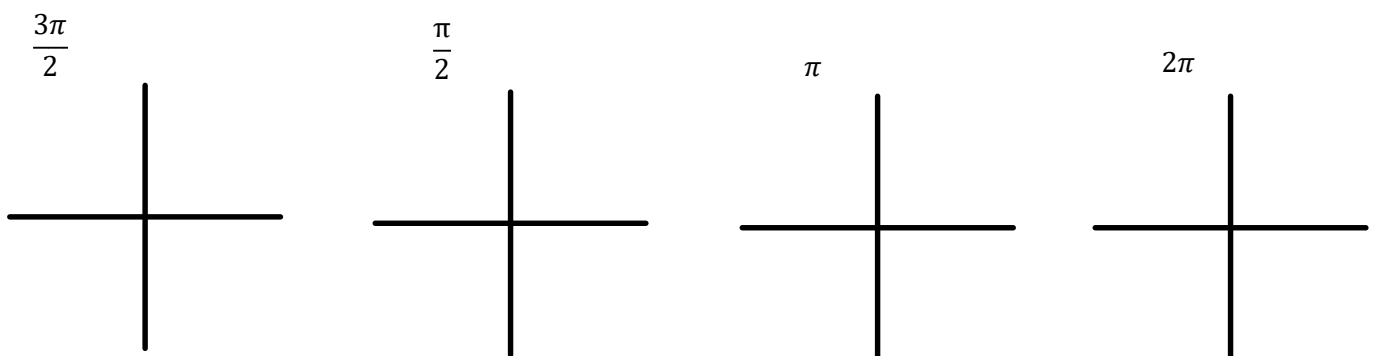
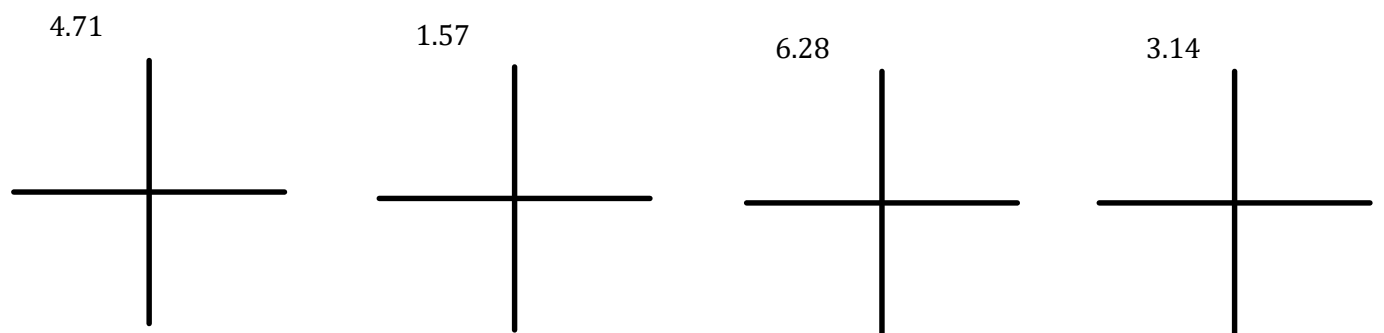
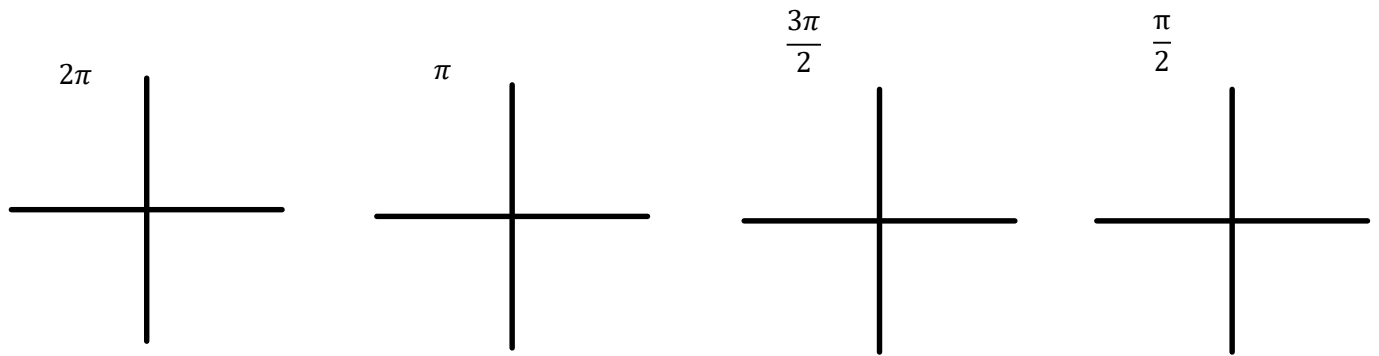


C11 - 4.4 - Unit Circle Quadrantal Angle HW

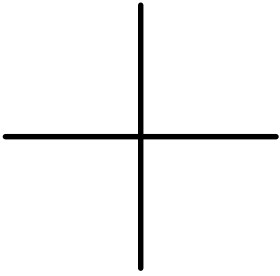
Sketch θ_{stp} , Label the point on the unit circle.



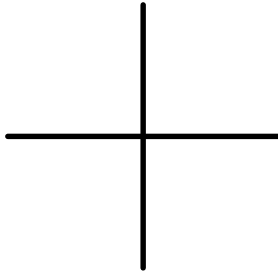
C12 - 4.4 - Solve $\sin\theta = ?$ HW

Solve.

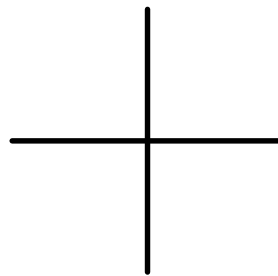
$$\sin 2\pi =$$



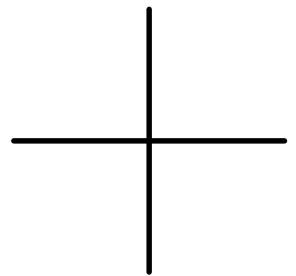
$$\cos \pi =$$



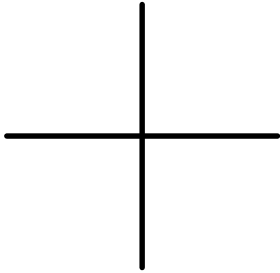
$$\tan \frac{3\pi}{2} =$$



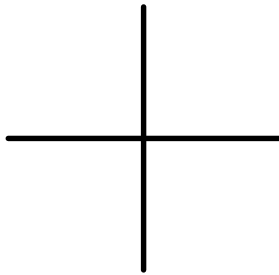
$$\sin \frac{\pi}{2} =$$



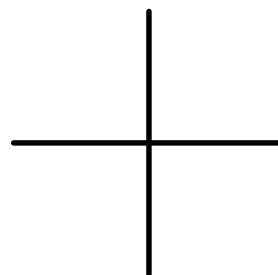
$$\cos 4.71 =$$



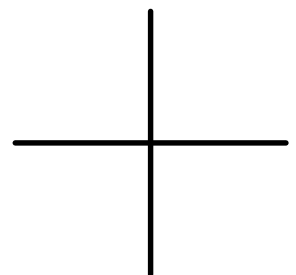
$$\csc 1.57 =$$



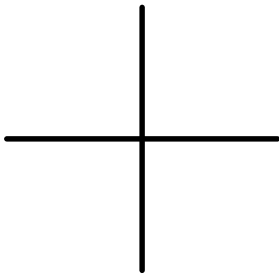
$$\tan 6.28 =$$



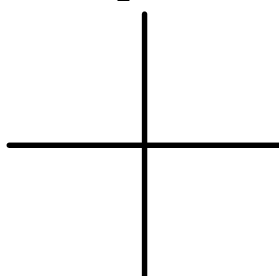
$$\sec 3.14 =$$



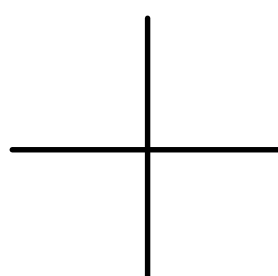
$$\csc \frac{3\pi}{2} =$$



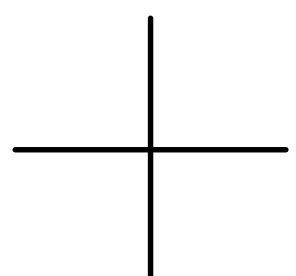
$$\cos \frac{\pi}{2} =$$



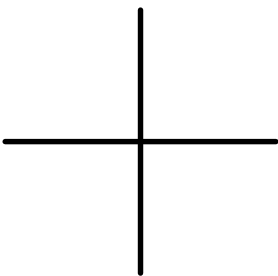
$$\cot \pi =$$



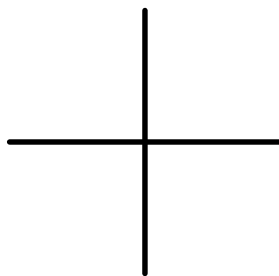
$$\cos 2\pi =$$



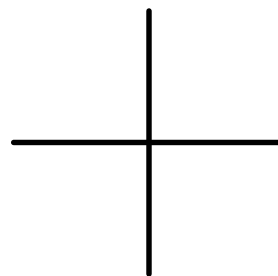
$$\sin 4.71 =$$



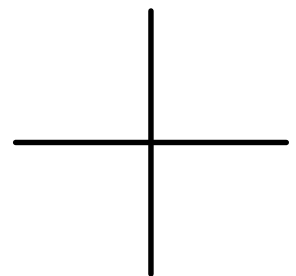
$$\cos 1.57 =$$



$$\tan 6.28 =$$



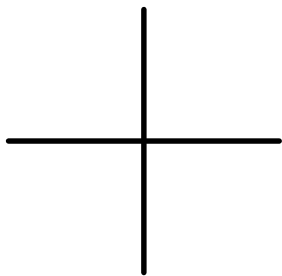
$$\cot 3.14 =$$



C12 - 4.4 - Point on Unit Circle HW

Find $\sin x$, $\cos x$, and $\tan x$ for the following points and θ step.

(0,1)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

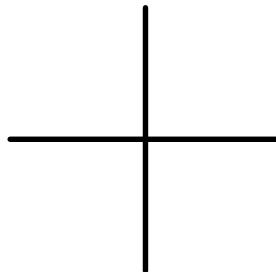
$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

$$\theta_{stp} =$$

(1,0)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

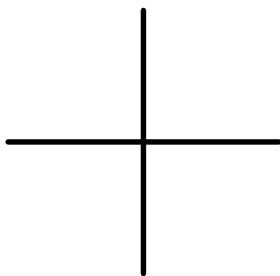
$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

$$\theta_{stp} =$$

(0, -1)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

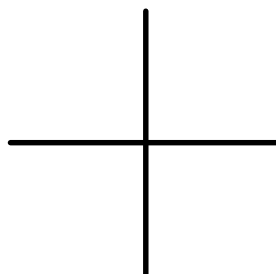
$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

$$\theta_{stp} =$$

(-1,0)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

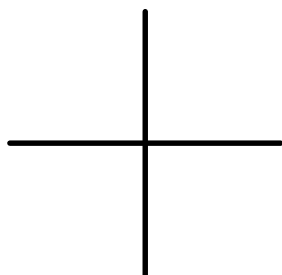
$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

$$\theta_{stp} =$$

(0,3)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

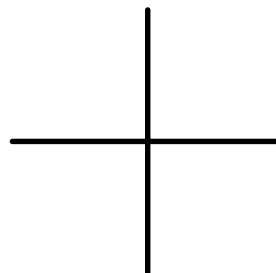
$$\csc\theta =$$

$$\sec\theta =$$

$$\cot\theta =$$

$$\theta_{stp} =$$

(-99,0)



$$\sin\theta =$$

$$\cos\theta =$$

$$\tan\theta =$$

$$\csc\theta =$$

$$\sec\theta =$$

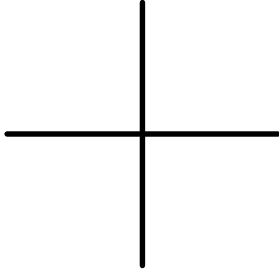
$$\cot\theta =$$

$$\theta_{stp} =$$

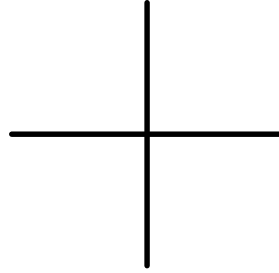
C12 - 4.4 - Unit Circle Trig Equations HW

Solve for θ , $0 \leq \theta < 2\pi$

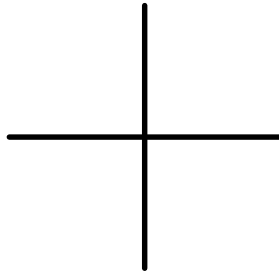
$$\sin\theta = 1$$



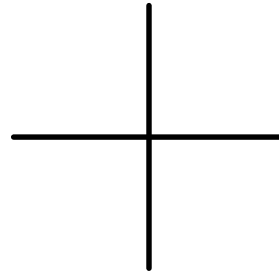
$$\cos\theta = 0$$



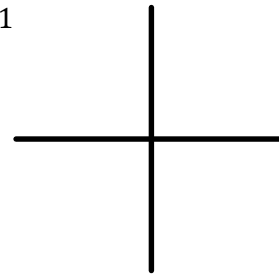
$$\csc\theta = 1$$



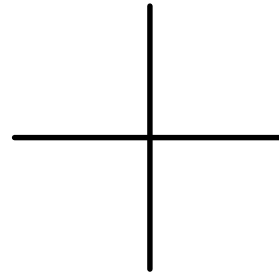
$$\cos\theta = -1$$



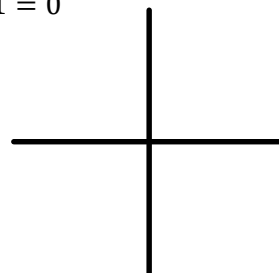
$$\sin\theta = -1$$



$$\cot\theta = \text{und}$$



$$\sin^2\theta - 1 = 0$$



$$\sec\theta = 0$$

