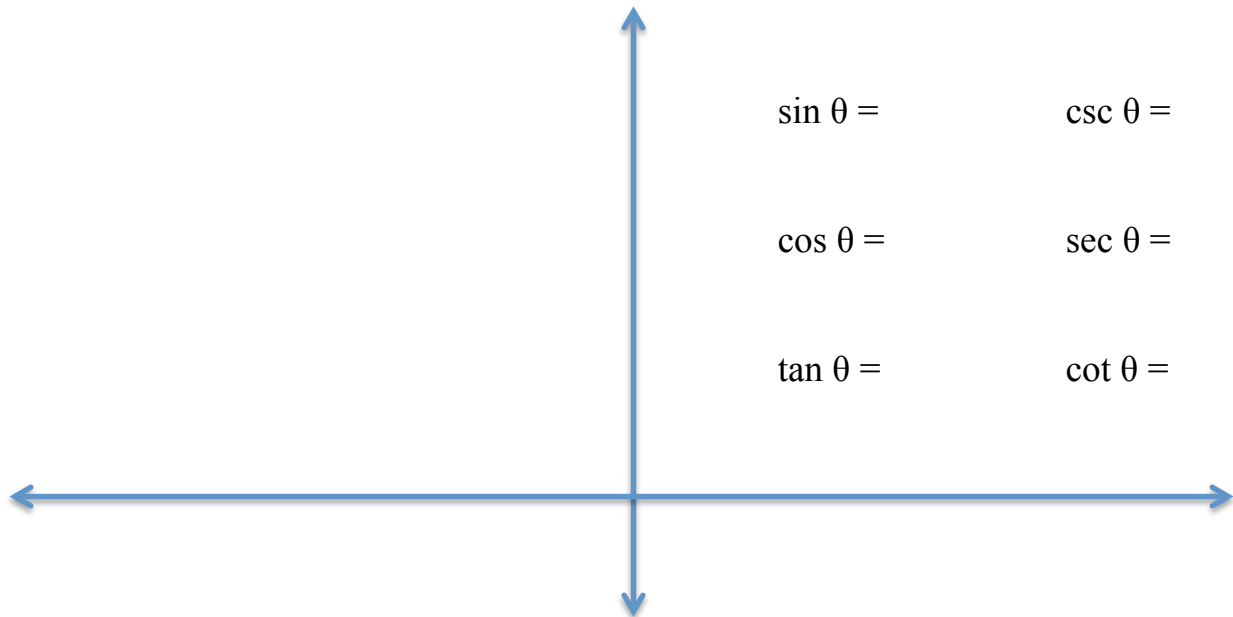


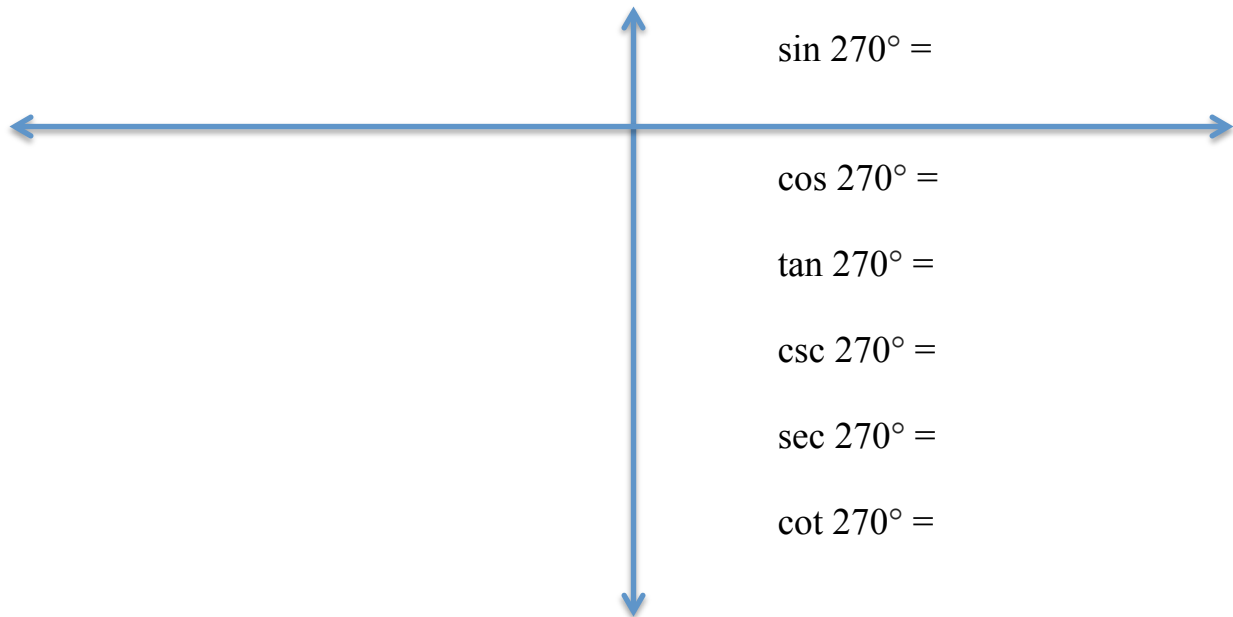
## Trigonometry - Trig Functions of General Angles

The video covers the following exercises. Print this sheet and work with the group!

What are all 6 trig functions at the point  $(-5, 12)$  ?

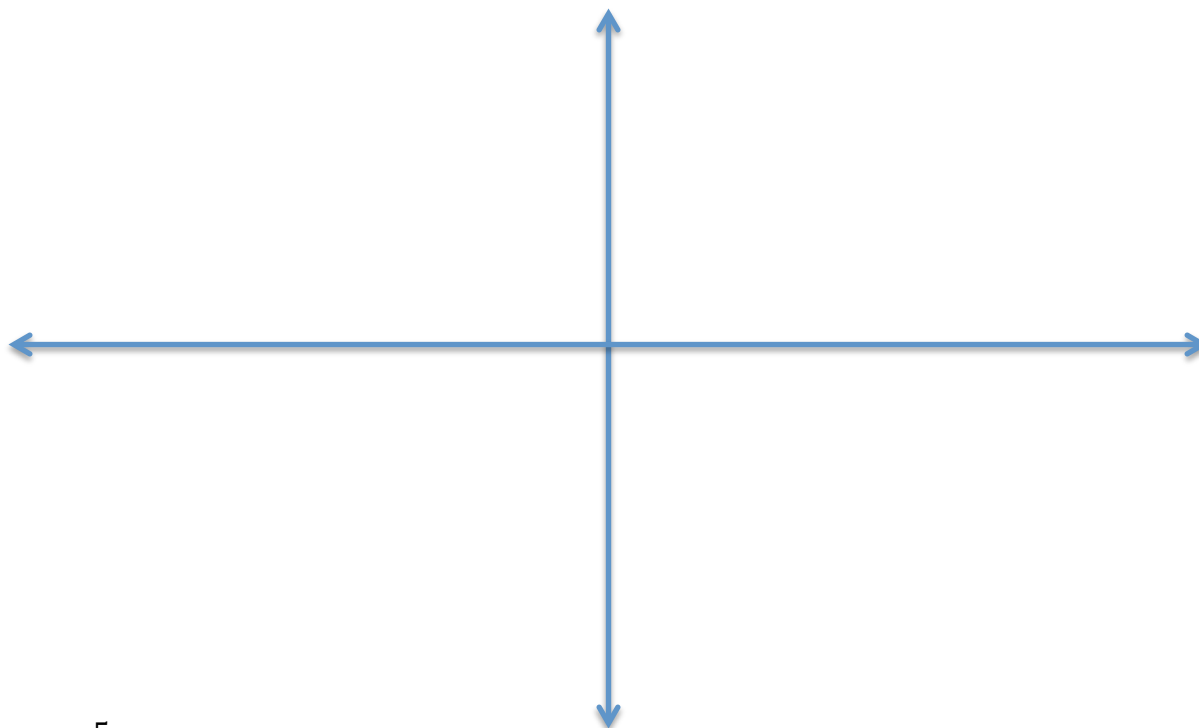


What are all 6 trig functions at  $270^\circ$  ?



$$\cos 150^\circ =$$

$$\sin 30^\circ =$$

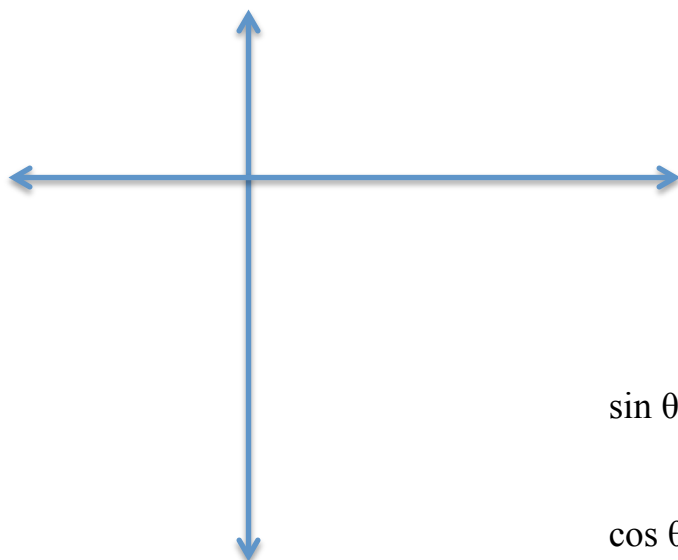


$$\tan \frac{5\pi}{4} =$$

$$\sin 330^\circ =$$

$$\sin \frac{5\pi}{4} =$$

If  $\theta$  is in Quadrant IV, and  $\csc \theta = -4$ , what are the other 5 trig functions?



$$\sin \theta =$$

$$\csc \theta =$$

$$\cos \theta =$$

$$\sec \theta =$$

$$\tan \theta =$$

$$\cot \theta =$$