

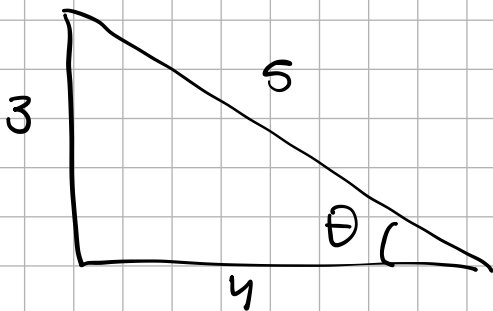
Name: _____ Date: 9/22/25

Warm-up: Write the 6 trig identities in terms of opposite, adjacent and hypotenuse. Use θ for your angle.

I'll start the first one!

$$\cos \theta = \frac{\text{adj}}{\text{hyp}}$$

1) Find all 6 trig identities of the triangle below.



2) fill in the following table

radians	0	$\pi/6$	$\pi/4$	$\pi/3$	$\pi/2$	π	2π
degrees							

3) Find the following values using your knowledge of the unit circle

a) $\sin \pi/6$

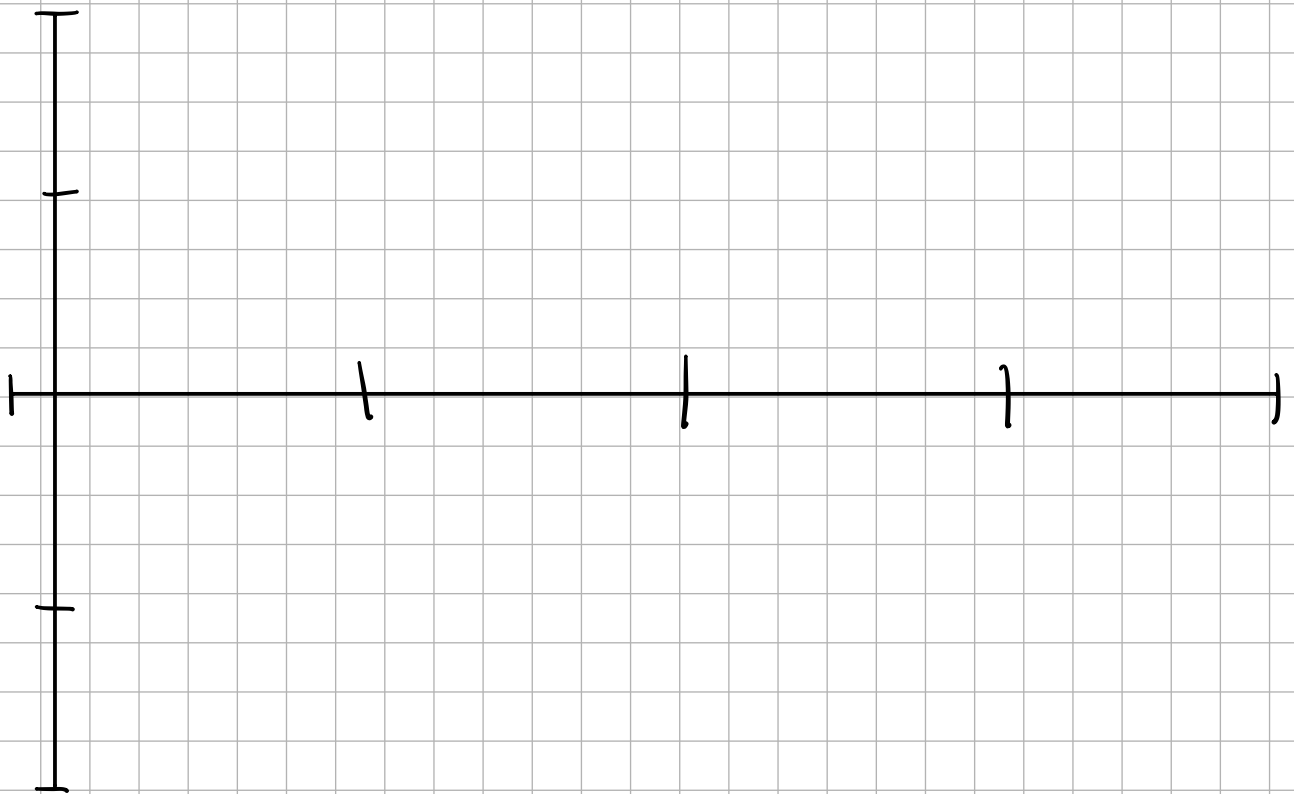
b) $\tan 45^\circ$

c) $\cos \frac{5\pi}{3}$

helpful note: ↷

If you convert between radians and degrees, make sure to check your units!

4) Graph $\sin(x)$ and $\cos(x)$ on the graph below



label $\sin(x)$ and $\cos(x)$ or colorcode them