

EE

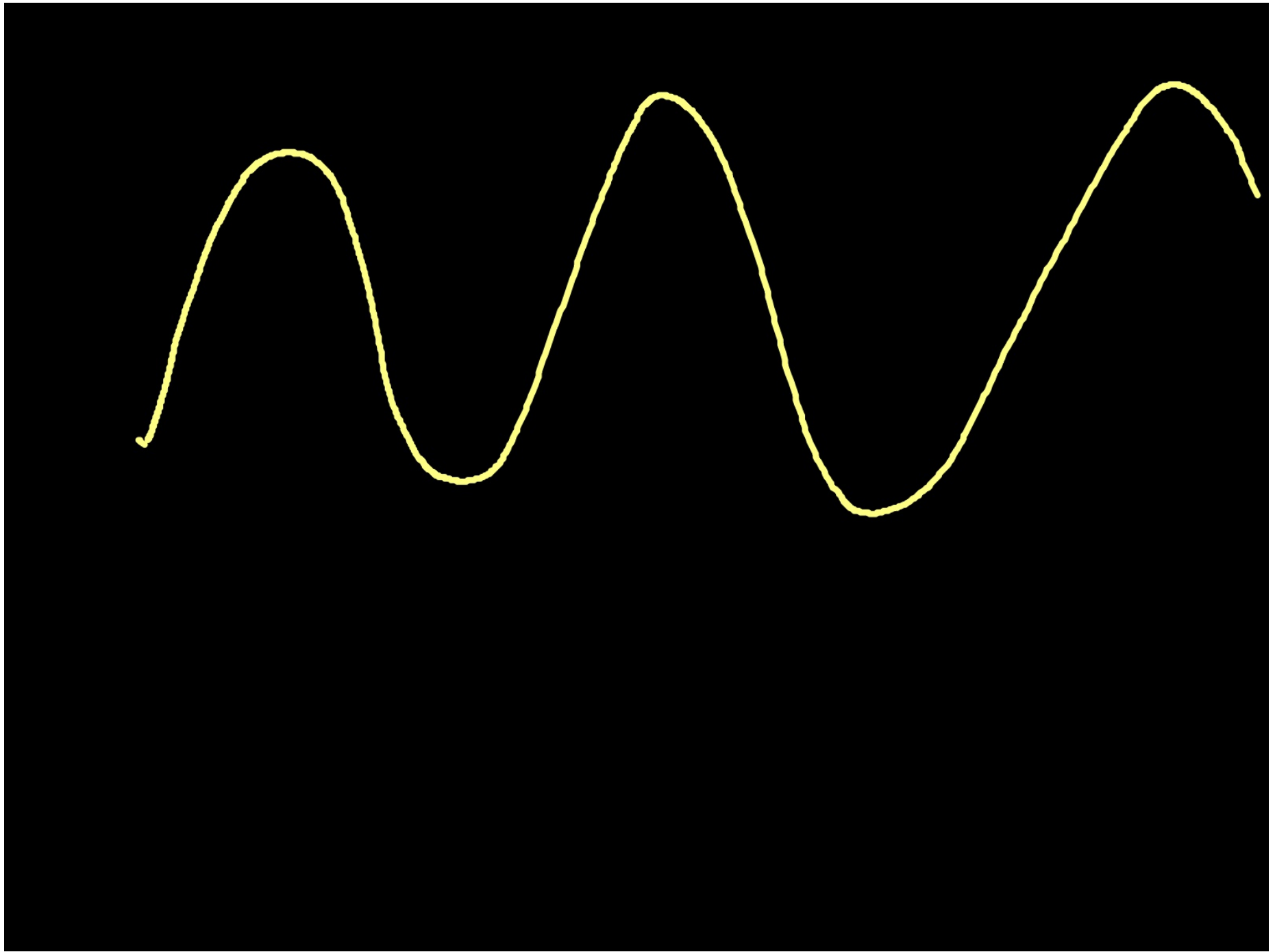
- reduced word count
- explore something interesting
- least chosen
- find it intensely interesting

Today's learning objective:

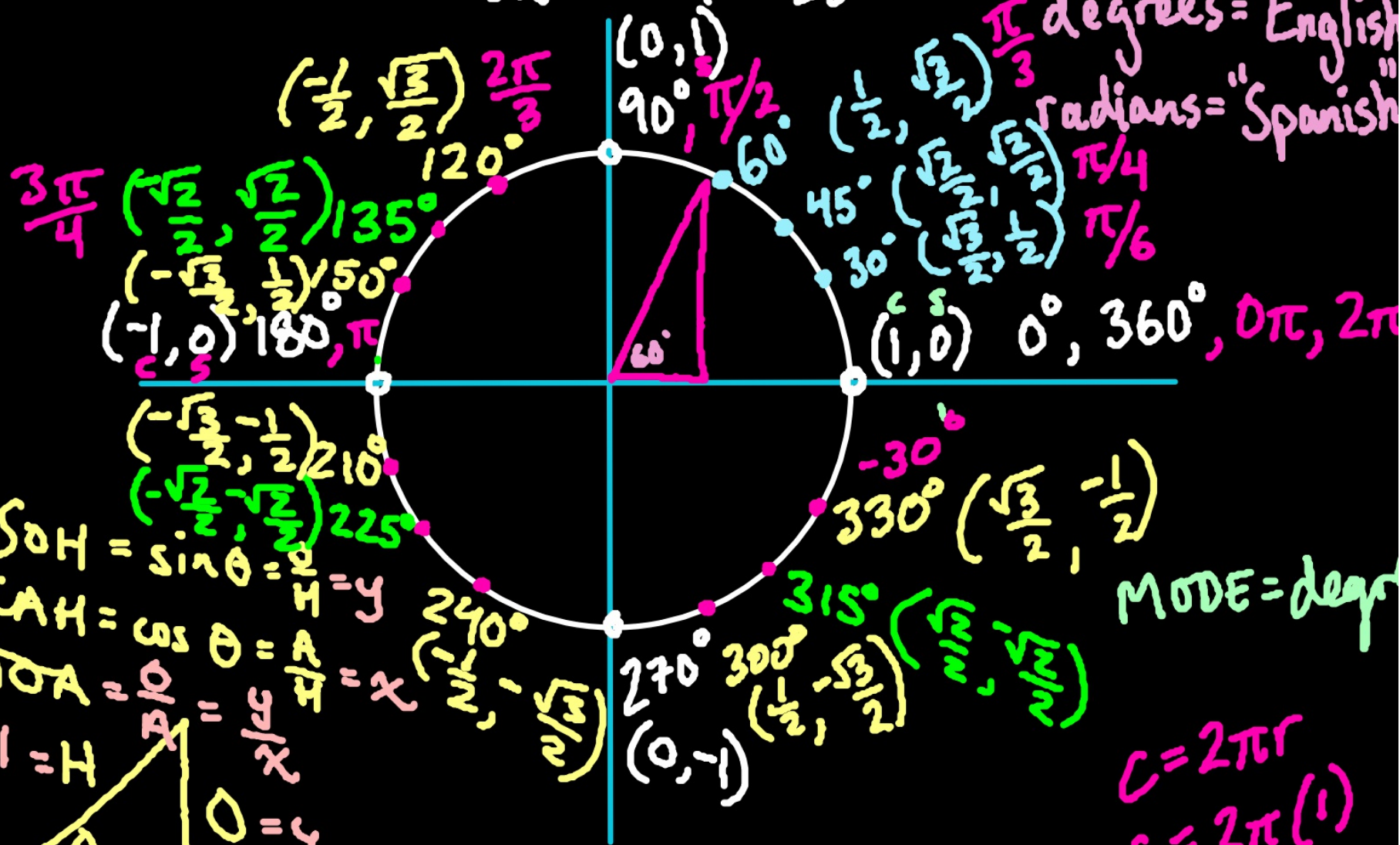
By the end of class, I will be able to determine rotation and coordinates on a standard Unit Circle.

Today's language objective:

I will use the terms Sine, Cosine, Tangent, and radians in small groups.

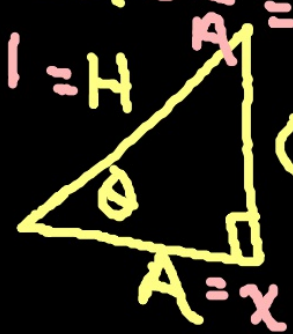


UNIT CIRCLE



π degrees = "English"
radians = "Spanish"

SOH = $\sin \theta = \frac{O}{H} = y$
CAH = $\cos \theta = \frac{A}{H} = x$
TOA = $\tan \theta = \frac{O}{A} = \frac{y}{x}$



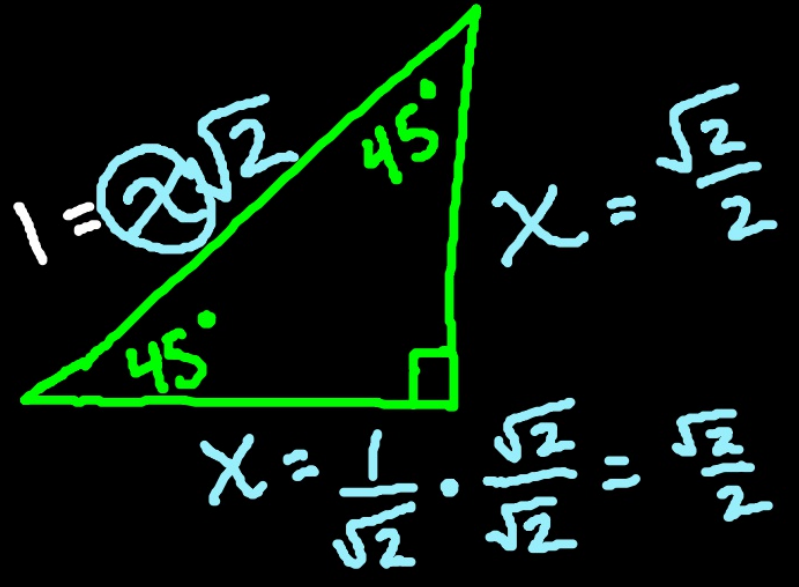
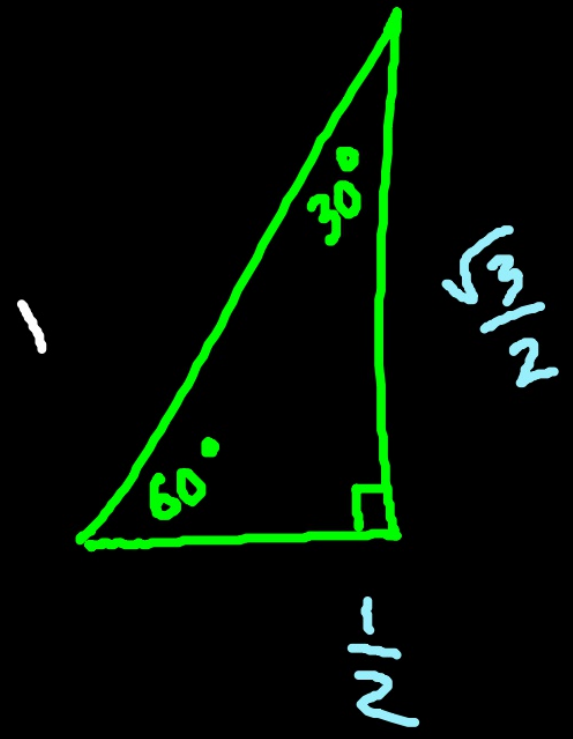
MODE = deg


$$C = 2\pi r$$


$$C = 2\pi(1)$$

$$= 2\pi$$

$$\frac{1}{\sqrt{2}} \cdot \frac{1}{\sqrt{3}} = \frac{1}{\sqrt{6}}$$




$$\left[\frac{1}{2}, \frac{\sqrt{3}}{2} \right]$$


$$\left[\frac{\sqrt{2}}{2} \right]$$