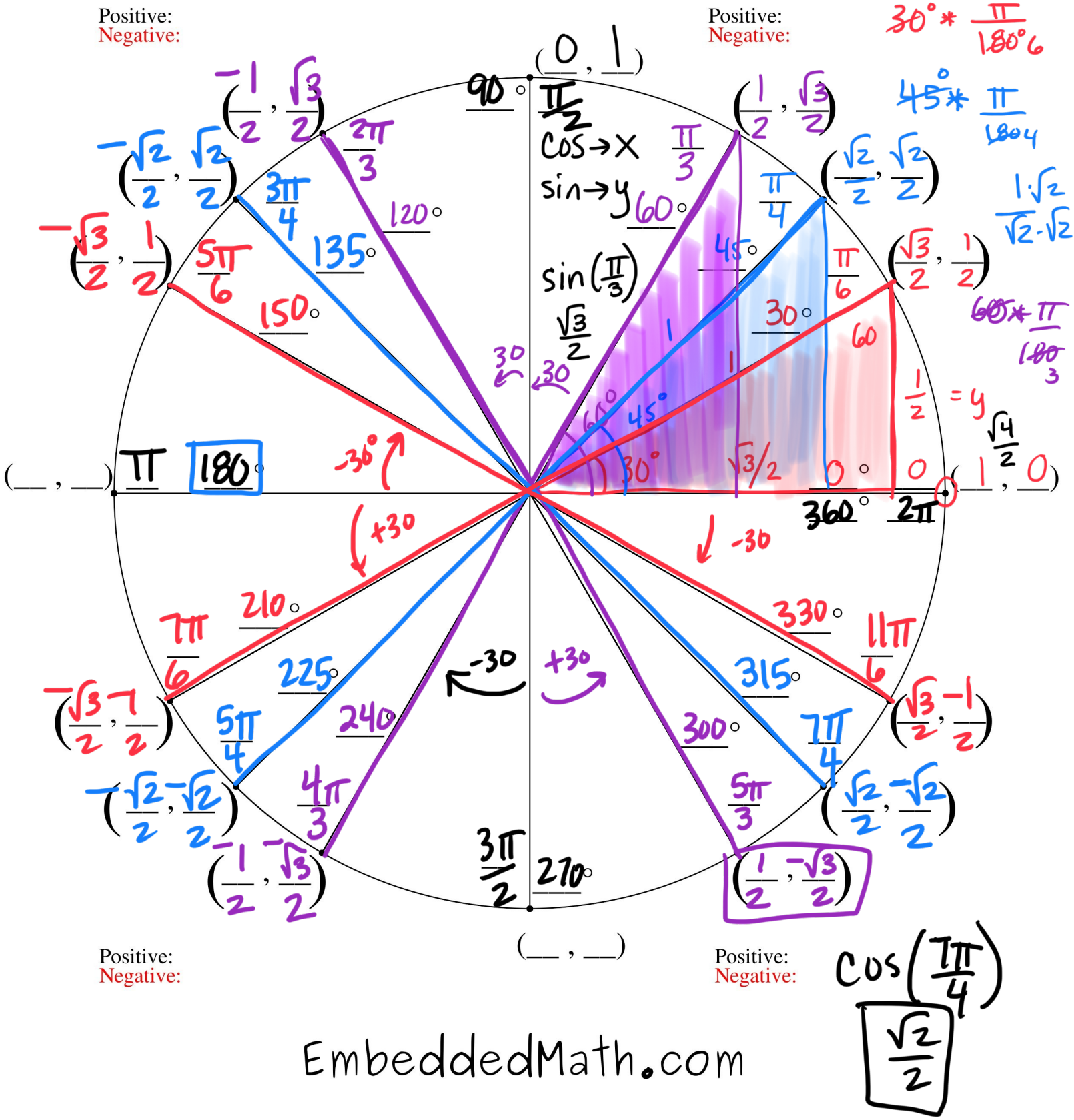
Fill in The Unit Circle



MTH-PT Trigonometry Session 11 2/29

1.) $\sin\left(\frac{4\pi}{3}\right)$ $-\frac{\sqrt{3}}{2}$ (y)

2.) $\cos\left(\frac{11\pi}{6}\right)$ $\frac{\sqrt{3}}{2}$

3.) $\sin\left(\frac{3\pi}{4}\right)$ $\frac{\sqrt{2}}{2}$

4.) $\cos\left(\frac{\pi}{4}\right)$ $\frac{\sqrt{2}}{2}$

5.) $\sin\left(\frac{7\pi}{6}\right)$ $-\frac{1}{2}$

6.) $\cos\left(\frac{3\pi}{2}\right)$ 0

7.) $\sin\left(\frac{5\pi}{3}\right)$ $-\frac{\sqrt{3}}{2}$

8.) $\cos\left(\frac{5\pi}{4}\right)$ $-\frac{\sqrt{2}}{2}$

9.) $\cos(0)$ 1

10.) $\sin\left(\frac{2\pi}{3}\right)$ $\frac{\sqrt{3}}{2}$

$\csc\left(\frac{2\pi}{3}\right)$

↳ $\frac{1}{\sin\theta}$ $\frac{2\cdot\sqrt{3}}{\sqrt{3}\cdot\sqrt{3}} = \frac{2\sqrt{3}}{3}$