

### Homework

Study your ratios and try to answer these without referencing your unit circle.

1.  $\sin 30^\circ$

2.  $\cos \frac{\pi}{3}$

3.  $\sin 45^\circ$

4.  $\tan \frac{\pi}{6}$

5.  $\cos 45^\circ$

6.  $\sin \frac{\pi}{4}$

7.  $\sin \frac{\pi}{3}$

8.  $\tan 60^\circ$

9.  $\tan \frac{\pi}{4}$

10.  $\tan 30^\circ$

11.  $\cos 60^\circ$

12.  $\cos \frac{\pi}{6}$