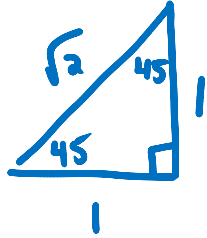
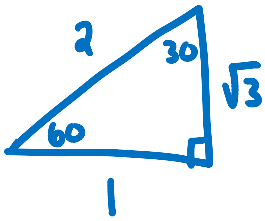


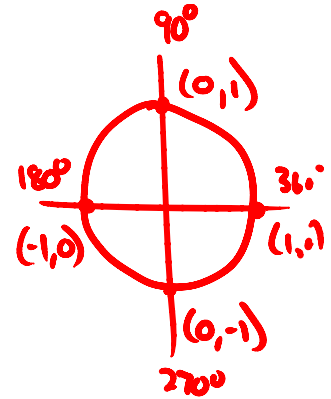
Solve the following using special triangles or a unit circle.



$$(y) \sin \theta = \frac{\text{opp}}{\text{hyp}} \quad \text{csc}$$

$$(x) \cos \theta = \frac{\text{adj.}}{\text{hyp.}} \quad \text{sec}$$

$$\left(\frac{y}{x}\right) \tan \theta = \frac{\text{opp}}{\text{adj.}} \quad \text{cot}$$



1.) $\cot 60^\circ$

2.) $\sec 60^\circ$

3.) $\cos 180^\circ$

$$\frac{\sqrt{3}}{1} \rightarrow \frac{1}{\sqrt{3}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \boxed{\frac{\sqrt{3}}{3}}$$

$$\boxed{-1}$$

4.) $\tan 90^\circ$

5.) $\cot 30^\circ$

6.) $\cos 45^\circ$

7.) $\tan 60^\circ$

8.) $\sec 45^\circ$

9.) $\tan 45^\circ$

10.) $\cos 60^\circ$

11.) $\sin 60^\circ$

12.) $\csc 270^\circ$

13.) $\sec 30^\circ$

14.) $\sin 0^\circ$

15.) $\cot 360^\circ$