



Section 13.7 – Notes day 1

Alg 2 Trig G

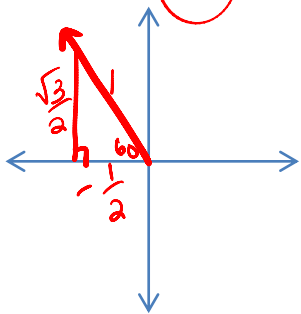


Review!

Find the exact value of each.

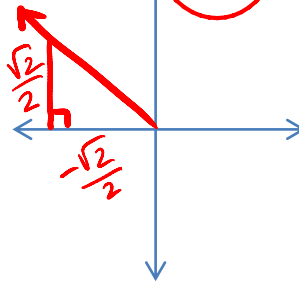
1) $\cos 120^\circ$

$$\left(-\frac{1}{2}\right)$$



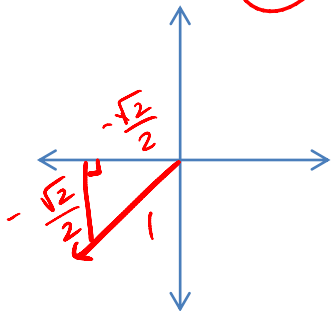
2) $\sin 135^\circ$

$$\frac{\sqrt{2}}{2}$$



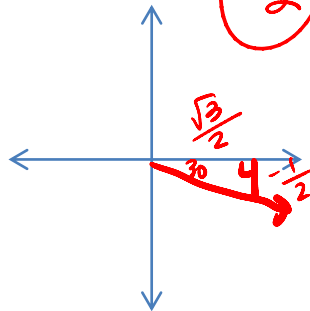
3) $\tan 225^\circ$

$$1$$



4) $\sin 330^\circ$

$$-\frac{1}{2}$$



What if you are given the value but you need to find the angle measure???

use calculator!

5) $\sin^{-1}\left(-\frac{\sqrt{2}}{2}\right)$

$$-45^\circ$$

6) $\tan^{-1}(-1)$

$$-45^\circ$$

7) $\cos^{-1}\left(\frac{-\sqrt{3}}{2}\right)$ 150°

8) $\text{Arcsin}(-1)$ -90°

9) $\text{Arctan}(\sqrt{3})$ 60°

10) $\text{Arccos}\left(\frac{-\sqrt{2}}{2}\right)$ 135°

11) $\sin^{-1}(1)$ 90°

12) $\tan^{-1}\left(\frac{-1}{\sqrt{3}}\right)$ -30°