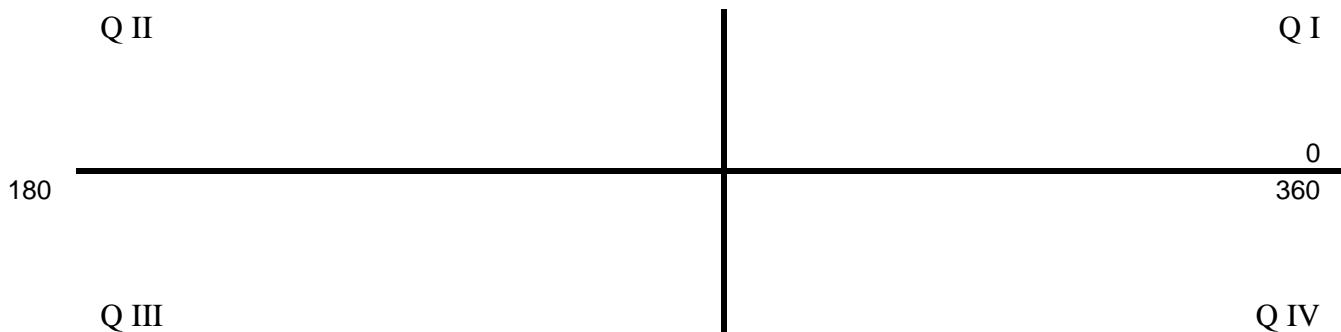


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Alg2A Q1 Quiz 4 Review

October 2, 2018  
Mr. McCormack



	30	60
sin		
cos		
tan		

45

$$1) \sin x = -\frac{1}{2}$$

$$2) \tan x = -\sqrt{3}$$

$$3) \cos x = \sqrt{3}/2$$

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4)  $\cos x = -\frac{1}{2}$

5)  $\sin x = -\frac{\sqrt{2}}{2}$

6)  $\tan x = 1$

7)  $\cos x = \frac{\sqrt{2}}{2}$

8)  $\sin x = \frac{\sqrt{3}}{2}$

9)  $\tan x = -\frac{\sqrt{3}}{3}$

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$$10) \sin x = \frac{1}{2}$$

$$11) \tan x = \sqrt{3}$$

$$12) \cos x = -\frac{\sqrt{3}}{2}$$

$$13) \cos x = \frac{1}{2}$$

$$14) \sin x = \frac{\sqrt{2}}{2}$$

$$15) \tan x = -1$$

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16)  $\cos x = -\sqrt{2}/2$

17)  $\sin x = -\sqrt{3}/2$

18)  $\tan x = \sqrt{3}/3$

**Answer Key:**

1)  $\{210^\circ, 330^\circ\}$

4)  $\{120^\circ, 240^\circ\}$

7)  $\{45^\circ, 315^\circ\}$

10)  $\{30^\circ, 150^\circ\}$

13)  $\{60^\circ, 300^\circ\}$

16)  $\{135^\circ, 225^\circ\}$

2)  $x = \{120^\circ, 300^\circ\}$

5)  $x = \{225^\circ, 315^\circ\}$

8)  $x = \{60^\circ, 120^\circ\}$

11)  $x = \{60^\circ, 240^\circ\}$

14)  $x = \{45^\circ, 135^\circ\}$

17)  $x = \{240^\circ, 300^\circ\}$

3)  $x = \{30^\circ, 330^\circ\}$

6)  $x = \{45^\circ, 225^\circ\}$

9)  $x = \{150^\circ, 330^\circ\}$

12)  $x = \{150^\circ, 210^\circ\}$

15)  $x = \{135^\circ, 315^\circ\}$

18)  $x = \{30^\circ, 210^\circ\}$