

1.) 60° 2.) 45°
 3.) $\sin = 15/17$ $\csc = 17/15$
 $\cos = -8/17$ $\sec = -17/8$
 $\tan = -15/8$ $\cot = -8/15$

4.) Quadrant 2 5.) Quadrant 3 6.) Quadrant 2

7.) -1 8.) 0 9.) undefined 10.) 1

11.) $\sin = -3/5$ $\csc = -5/3$
 $\cos = -4/5$ $\sec = -5/4$ 15.) $1/2$ 16.) $-1/2$
 $\tan = 3/4$ $\cot = 4/3$ 17.) -2 18.) 1

12.) $\sin = 12/13$ $\csc = 13/12$ 19.) $-\frac{\sqrt{3}}{3}$ 20.) $-\frac{2\sqrt{3}}{3}$
 $\cos = 5/13$ $\sec = 13/5$
 $\tan = 12/5$ $\cot = 5/12$

Answer Key
Review 4.2

13.) $\sin = -\frac{\sqrt{33}}{7}$ $\csc = -\frac{7\sqrt{33}}{33}$
 $\cos = \frac{4}{7}$ $\sec = \frac{7}{4}$

$\tan = -\frac{\sqrt{33}}{4}$ $\cot = -\frac{4\sqrt{33}}{33}$

14.) $\sin = -\frac{1}{4}$ $\csc = -4$

$\cos = -\frac{\sqrt{15}}{4}$ $\sec = -\frac{4\sqrt{15}}{15}$

$\tan = \frac{\sqrt{15}}{15}$ $\cot = \sqrt{15}$

Stuff due tomorrow to be eligible for a retake:

- 1.) HW Day1: p.548: 1 - 7 odds, 17 - 22 all
- 2.) HW Day2: p.548: 23 - 33 odds
- 3.) HW Day3: p.548: 35 - 47 odds, 51 - 59 odds
- 4.) HW Day4: p.548: 9 - 15 odds, 61 - 85 odds
- 5.) Review 4.2 - "Trig. Functions of Any Angle"