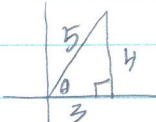
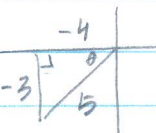
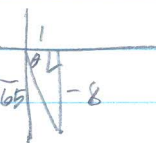
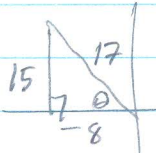


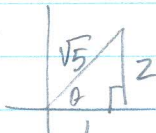
p. 251 # 1-7 odd, 33-40 all

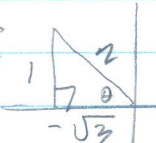
1.  $\sin \theta = 4/5$ $\cos \theta = 3/5$ $\tan \theta = 4/3$
 $\csc \theta = 5/4$ $\sec \theta = 5/3$ $\cot \theta = 3/4$

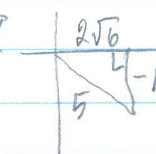
3.  $\sin \theta = -3/5$ $\cos \theta = -4/5$ $\tan \theta = 3/4$
 $\csc \theta = -5/3$ $\sec \theta = -5/4$ $\cot \theta = 4/3$

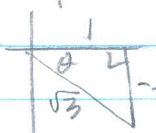
5.  $\sin \theta = \frac{1}{8}$ $\cos \theta = -\frac{\sqrt{65}}{8}$ $\tan \theta = -\frac{1}{\sqrt{65}}$
 $\csc \theta = 8$ $\sec \theta = -8\sqrt{65}$ $\cot \theta = -\sqrt{65}$

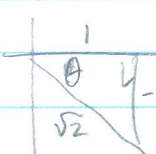
7.  $\sin \theta = 15/17$ $\cos \theta = -8/17$ $\tan \theta = -15/8$
 $\csc \theta = 17/15$ $\sec \theta = -17/8$ $\cot \theta = -8/15$

33. QI  $\sin \theta = \frac{2}{5}$ $\cos \theta = \frac{\sqrt{5}}{5}$ $\tan \theta = 2/\sqrt{5}$
 $\csc \theta = 5/2$ $\sec \theta = \sqrt{5}$ $\cot \theta = \sqrt{5}/2$

34. QII  $\sin \theta = 1/2$ $\cos \theta = -\sqrt{3}/2$ $\tan \theta = -1/\sqrt{3}$
 $\csc \theta = 2$ $\sec \theta = -2/\sqrt{3}$ $\cot \theta = -\sqrt{3}$

35. QIV  $\sin \theta = 1/5$ $\cos \theta = \frac{2\sqrt{6}}{5}$ $\tan \theta = \frac{1}{2\sqrt{6}} = \frac{\sqrt{6}}{12}$
 $\csc \theta = 5$ $\sec \theta = \frac{5}{2\sqrt{6}} = \frac{5\sqrt{6}}{12}$ $\cot \theta = 2\sqrt{6}$

37. QIV  $\sin \theta = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\cos \theta = \frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$ $\tan \theta = -\sqrt{2}/\sqrt{3} = -\sqrt{6}/3$
 $\csc \theta = \sqrt{2}$ $\sec \theta = \sqrt{3}$ $\cot \theta = -\sqrt{3}/\sqrt{2} = -\sqrt{6}/2$

39. QIV  $\sin \theta = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\cos \theta = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$ $\tan \theta = -1$
 $\csc \theta = \sqrt{2}$ $\sec \theta = \sqrt{2}$ $\cot \theta = -1$