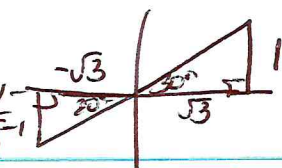
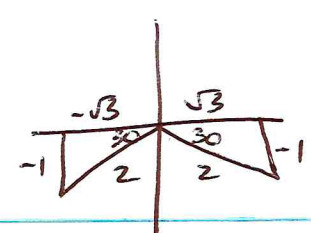


27) $\tan \theta = \frac{1}{\sqrt{3}}$ 
 ref L = 30°

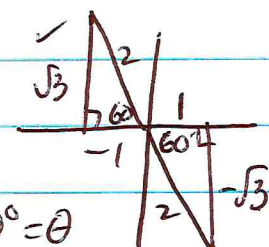
I: $\theta = 30^\circ$

III: $\theta = 180 + 30 = 210^\circ$

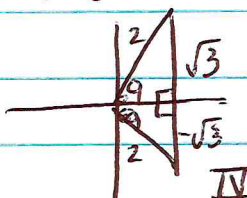
28) $\sin \theta = -\frac{1}{2}$ 
 ref L = 30°

III: $\theta = 180 + 30 = 210^\circ$

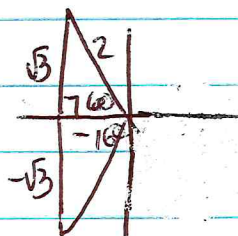
IV: $\theta = 360 - 30 = 330^\circ$

29) $\tan \theta = -\frac{\sqrt{3}}{1}$ 
 ref L = 60°
 II: $180 - 60 = 120^\circ = \theta$
 IV: $\theta = 360 - 60 = 300^\circ$

30) $4 \cos \theta = 2$ $\cos \theta = \frac{1}{2}$

 ref L = 60°
 I: $\theta = 60^\circ$
 IV: $\theta = 360 - 60 = 300^\circ$

31) $2 \cos \theta + 3 = 2$
 $2 \cos \theta = -1$
 $\cos \theta = -\frac{1}{2}$

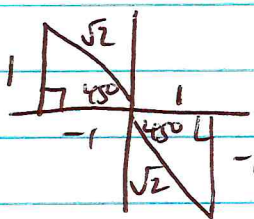


ref L = 60°

II: $\theta = 180 - 60 = 120^\circ$

III: $\theta = 180 + 60 = 240^\circ$

32) $-3 \tan \theta = 3$
 $\tan \theta = -\frac{1}{1}$

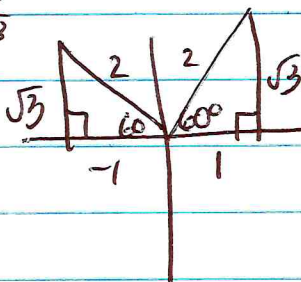


ref L = 45°

II: $180 - 45 = 135^\circ = \theta$

IV: $\theta = 360 - 45 = 315^\circ$

33) $4 \sin \theta - 2\sqrt{3} = 0$
 $4 \sin \theta = 2\sqrt{3}$
 $\sin \theta = \frac{\sqrt{3}}{2}$



I: $\theta = 60^\circ$

II: $\theta = 180 - 60 = 120^\circ$