1. $2\cos(x)+8=7$

2. $\tan(x)+1=0$

3. $4\sin^2(x)+2=5$ Note: $\sqrt{\frac{3}{4}}=\frac{\sqrt{3}}{\sqrt{4}}=\frac{\sqrt{3}}{2}$ (Just in case you were wondering.)

4. $(\cos(x)+1)(\tan(x)-1)=0$

5. $5\tan(x)+1.6=-11.4$

6. $3\sec(x)+10=4$

7. $\sin(x)=0$

8. $2\sin(x)\tan(x)+\tan(x)=0$

9. $4.3\sin(x)+2.1=3.9$

10. $2\sin^2(x)+3\sin(x)+1=0$