

Math 130**Section 7.4**

Solve these equations. Find all of the values of θ that work.

1. $\sin \theta = -\frac{3}{5}$

2. $\cos \theta = -\frac{4}{5}$

3. $(\cos^2 \theta - \frac{1}{2})(\sin \theta - 1) = 0$

4. $4 \sin^2 \theta - 8 \sin \theta = -3$

$$5. \tan \theta \cos \theta + \cos \theta = 0$$

$$6. 4\cos^2 \theta - 4\cos \theta + 1 = 0$$

$$7. \tan^2 \theta - 4 = 0$$