

Pythagorean Identities and Solving Equations  
Practice B

Name:

1)  $\sin \theta = \frac{3}{4}$  and  $\tan \theta$  is negative.

2)  $\sin \theta = \frac{-3}{5}$  and  $\cos \theta$  is positive.

3)  $\cos \theta = \frac{3}{5}$  and  $\sin \theta$  is negative.

4)  $\tan \theta = \frac{4}{9}$  and  $\cos \theta$  is positive.

Solve for all possible values of  $\theta$ ,  $0 \leq \theta \leq 360$ .

5)  $6 \cos \theta = -3$

6)  $2 \cos \theta + 3 = 4$