

## Trig Identities

1. If  $\sin = 2/3$  in quadrant 2, find the following

a)  $\csc\theta$

b)  $\cos\theta$

c)  $\tan\theta$

2. If  $\cos = 4/5$  in quadrant 4, find the following

a)  $\sec\theta$

b)  $\sin$

c)  $\cot\theta$

## Trig Identities

3.  $\sec\theta \times \cos\theta$

4.  $\cot\theta \div \csc\theta$

5.  $\sin^2\theta \div \sin\theta\cos\theta$

6.  $\tan\theta \times \csc\theta \div \sec\theta$

7.  $\cot\theta \times \tan\theta$

## Trig Identities

8.  $\tan^2\theta \div \sec^2\theta$

9.  $\sec\theta \times \sin\theta \div \tan\theta$

10.  $\sin^2\theta - \cot\theta \times \tan\theta \div \cot\theta \times \sin\theta$