

Math 1613 - Trigonometry

Quiz #11 - 2009.10.27

Name: _____

Determine whether the positive or negative square root should be selected.

1.

$$\sin(215^\circ) = \pm \sqrt{\frac{1 - \cos(430^\circ)}{2}}$$

2.

$$\cos(94^\circ) = \pm \sqrt{\frac{1 + \cos(188^\circ)}{2}}$$

3.

$$\tan(200^\circ) = \pm \sqrt{\frac{1 - \cos(400^\circ)}{1 + \cos(400^\circ)}}$$