5. Find , and from the given information.

, ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

,

, is in Quadrant II

,

since is in Q II

since is in Q II

4. Find , and from the given information.

,

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

6. Find , and from the given information.

.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

8. Use an appropriate Half-Angle Formula to find the exact value of the expression.

a.

b.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

7. Use an appropriate Half-Angle Formula to find the exact value of the expression.

a.

b. ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

a.

since is in Quadrant I

b.

since is in Quadrant I

10. Simplify the expression by using a Double-Angle Formula or Half-Angle Formula.

a.

b.

c.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

9. Simplify the expression by using a Double-Angle Formula or Half-Angle Formula.

a.

b.

c.

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

a.

b.

c.