Name _____   Date _____

Angle Sum and Difference, Double Angle and Half Angle Formulas - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Find the exact value of:

_____

     Cos 26 ° cos10 ° - sin26 ° sin10 °

a.   .719

2. Find the exact value of:

_____

     If sin x = 3/8, find Cos (9x)

b.   -0.29

3. Find the exact value of:

_____

     Cos 60 ° cos11 ° + sin60 ° sin11 °

c.   .809

4. Find the exact value of:

_____

     If sin x = 2/10, find Cos (5x)

d.   -0.94

5. Find the exact value of:

_____

     Sin 75 ° cos50 ° - Cos75 ° sin50 °

e.   .656

6. Find the exact value of:

_____

     If sin x = 7/12, find Cos (3x)

f.   .97

7. Find the exact value of:

_____

     Sin 34 ° cos12 ° + Cos34 ° sin12 °

g.   .53

8. Find the exact value of:

_____

     If sin x = 8/10, find Cos (7x)

h.   .422