Special Right Triangles (Trigonometry emphasis) - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. Find the exact value of:

           $\tan 30° + \sec 0° - \csc 30°$.

a.   1.20

_____ 2. Find the exact value of:

           $\cot 60° + \cot 90° + \cot 45°$

b.   -0.20

_____ 3. Find the exact value of:

           $\sin 30° - \sin 0° + \sin 45°$.

c.   1.12

_____ 4. Find the exact value of:

           $\cos 90° - \cos 45° + \cos 60°$.

d.   1.57

_____ 5. Find the exact value of:

           $\tan 45° - \sin 90° - \tan 0°$.

e.   2.23

_____ 6. Find the exact value of:

           $\sin 60° + \cos 60° + \tan 0°$.

f.   1.36

_____ 7. Find the exact value of:

           $\csc 45° - \sec 0° + \cos 45°$.

g.   -0.42

_____ 8. Find the exact value of:

           $\tan 60° + \sin 30° - \cos 90°$.

h.   0

_____ 9. Find the exact value of:

           $\sec 30° + \tan 45° + \tan 0°$.

i.   2.15