GSE PreCalculus: Unit 5 – Verifying Trig Identities Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WS 5.4: Sum/Difference Identities Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the exact value of each expression.

1.  2. 

Write the expression as sine, cosine, or tangent.

3.  4. 

Find the exact value of the trig function given that 

5. cos (u + v) 6. sin (u + v) 7. tan (v – u)

8. sec (u + v) 9. cot (u + v)

Verify the identities.

8.  9. 

10.  11. 

12.  13. 

14. 