Sum and Difference Identities Worksheet 1

Find the exact value of each expression

1.  2.  3.  4. 

5.  6.  7.  8. 

9.  10.  11.  12.  13.  14. sin 

15. cos 

Write the expression as sin, cos, or tan of an angle

16.  17. 

18.  19. 

20.  21. 

Prove each identity

22.  23.  24. 

25.  26.  27. 

Find the exact value of the trig function given:

 

28.  29.  30.  31. 