13.3 Complementary Angles

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HOUR: \_\_\_\_\_\_\_\_\_\_\_\_\_

1. If , what is the 2. If , what is the

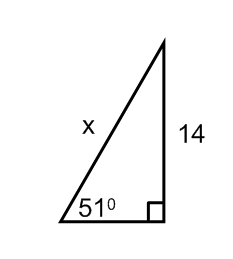
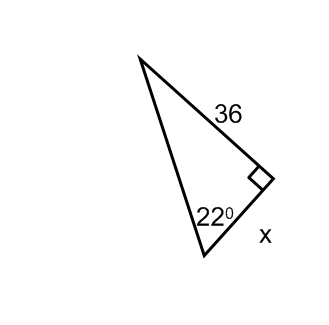
3. If , what is the 4. If , what is the

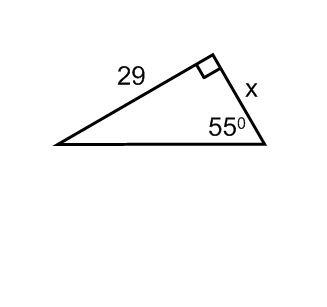
5. If , what is the 6. If , what is the

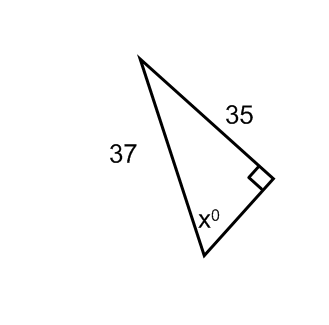
Rewrite each equation using complements and the other trig function.

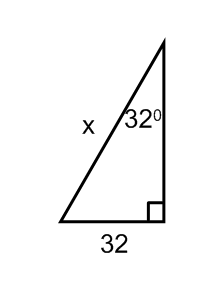
7. 8. 9. 10.

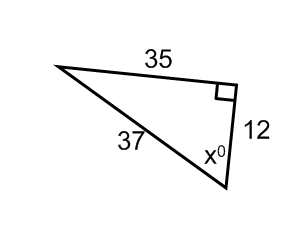
11. sin 5o = \_\_\_\_\_ 12. cos 81o = \_\_\_\_\_ 13. sin wo = \_\_\_\_\_ 14. cos to = \_\_\_\_\_

Solve for x in each of the following triangles.

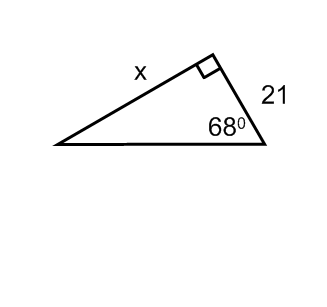
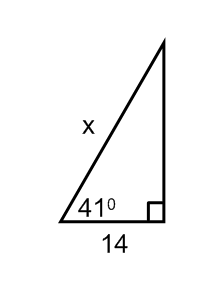
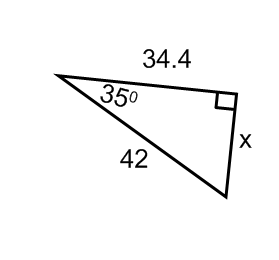
15. 16. 17.







18. 19. 20.



21. 22. 23.