1. Eighteen less than 4 times a number is the product of 9 and 14. 
   
2. Six times a number is the absolute value of negative 18 times positive 7. 
   
3. A number increased by 30 is half of 96. 
   
4. 64 increased by 3 times a number is the product of 23 and 5. 
   
5. Twenty-seven less than a number is the opposite of 4 times 6. 
   
6. The cube of a number is the square of 8. 
   
7. A number divided by 2 then squared is the sum of twice 50 and 21. 
   
8. Four times a number is the sum of 100 and the product of 4 and 8. 
   
9. A number less than the product of 4 and 30 is 16 divided by 16. 
   
10. The quotient of 48 and a number is the square root of 16. 
    
11. Fourteen more than the product of a number and 6 is 62. 
    
12. One hundred divided by a number is the square of 2. 
    
13. The difference of twice a number and 17 is 9. 
    
14. One-half the square of a number is 50. 
    
15. A number to the fourth power decreased by 600 is 25.