

NAME _____

MATH 8 – **EXTRA PRACTICE 1-10**

SET UP AN EQUATION AND SOLVE. (No check is necessary.)

1. The difference between twelve and a number is fifteen. Find the number.
2. Three less than the product of four and a number is twenty-one. Find the number.
3. Ten times a number increased by nine is 59. Find the number.
4. The sum of eight times a number and 5 is 37. Find the number.
5. If six times a number is decreased by 4, the result is 68. Find the number.
6. If twelve times a number is diminished by 6, the result is 90. Find the number.
7. Twenty decreased by twice a number is 36. Find the number.
8. When eighteen is decreased by a number, the result is -12 . Find the number.
9. The difference between four times a number and three is 25. Find the number.
10. If a number is multiplied by seven, and that product is increased by 2, the result is 100. Find the number.
11. When 12 is subtracted from three times a number, the result is 24. Find the number.
12. A number is multiplied by 15. When that product is increased by 13, the result is 73. Find the number.
13. A number divided by 5 equals 17. Find the number.
14. The width of a rectangle is eight feet less than its length. If the width is 9.5 feet, find the length of the rectangle. Find its area.
15. The length of a rectangle is four feet more than its width. If the length is 20 feet, find the width of the rectangle. Find its area.
16. The width of a rectangle is two feet less than its length. If the length is 14 feet, find the width. Find the area of the rectangle.