Homework 1/9/19

Find the Number

Directions: Find the original number.

Example: Twelve plus a number is 22. The original number is <u>10</u> because 12 + 10 = 22

1) Nine less than a number is 9. Find the original number: _____

2) A number increased by eight is eleven. Find the original number: _____

3) Four more than a number is 13. Find the original number: _____

4) A number diminished by 10 is 4. Find the original number: _____

5) The sum of a number and six is 16. Find the original number: _____

6) A number decreased by 2 is 6. Find the original number: _____

7) Six less than a number is 72. Find the original number: _____

8) Eight multiplied by a number is 48. Find the original number: _____

Directions: Find the value of the variable to make the equation a true statement.

Example: $Z + 15 = 32$ $Z = 17$ because $17 + 15 = 32$ makes a true statement.

9) $10 + 6 + Z = 25$ $Z=$ _____

10) $3Z + 5 = 23$ $Z=$ _____