Translate the following statements into algebraic expressions:

1. The sum of six and a number.
2. Seven plus five.
3. The difference between a number and eleven.
4. Three minus a number.
5. Multiply four by a number.
6. Ten percent of twenty.
7. One fifth of forty-five.
8. Triple a number.
9. A number divided by eight.
10. The quotient of forty-nine and a number.
11. The basic re-ordering words for subtraction are _______ and _______.
12. The basic re-ordering word for division is _________.
13. Add four to a number.
14. A number added to three.
15. Seven more than five.
16. Subtract three from four.

17. Thirty-six less than a number.

18. Divide five into twenty-five.

19. Nineteen minus six increased by two.

20. The sum of fourteen and a number, subtracted from five.

21. The difference of five and a number, subtracted from four.

22. The product of five and the sum of a number and five.

23. Subtract three from the sum of a number and four.

24. Add the difference between a number and four to twice the number.

25. Divide eight by the sum of a number and four.

26. The sum of one and the quotient of fifty-six and eight.

27. The difference between the sum of a number and five and a number.

28. Two times the quotient of a number and eight.

29. Ten minus the sum of three and four.

30. Three times the sum of a number and four.

31. Nine added to a number minus five.
Translate and solve the following equations. Check your answer.

1. Twice the difference between four and a number is sixteen. Find the number.

2. The sum of five and a number is three. Find the number.

3. The difference between two times a number and four is eight. Find the number.

4. Three times a number added to eight is fourteen. Find the number.

5. A number plus the quotient of fifty-six and seven is eleven. Find the number.

6. Three times the difference between three and a number is eighteen. Find the number.

7. Two times a number is the same as the difference between the number and four.

What is the number?
8. Four times a number plus three times the sum of a number and four is equal to negative nine. Find the number.

9. Three times the total of a number and six is thirty. Find the number.

10. The product of five and a number is twenty-five. Find the number.

11. Five less than three times a number is sixteen. Find the number.

12. Three more than twice a number is thirteen. Find the number.

13. The difference between a number and two times the number is nine. Find the number.

14. The sum of a number and three times the number is fourteen. Find the number.

15. Three more than five times a number is twenty-three. Find the number.