





Write the Algebraic Expressions

Example: *four times a number decreased by twelve* = $4n-12$

Answers:

1.) A number times eight is equal to forty-five.

$$n \cdot 8 = 45$$

2.) The difference of a number and twenty-four is equal to forty-six

$$n - 24 = 46$$

3.) A number squared is 34

$$n^2 = 34$$

4.) The sum of a number plus 12.

$$n + 12$$

5.) Twice times a number.

$$2n$$

6.) A number times five is equal to one-hundred-twenty.

$$5n = 120$$

7.) The quotient of a number and five is thirty-three

$$\frac{n}{5} = 33$$

8.) A number increased by six equals twenty.

$$n + 6 = 20$$

9.) Nine squared plus a number equals one-hundred-ten.

$$9^2 + n = 110$$

10.) A number plus twelve equals forty.

$$n + 12 = 40$$

11.) Two times a number is equal to forty-seven.

$$2n = 47$$

12.) The difference between a number and nineteen is equal to forty-eight.

$$n - 19 = 48$$