

**HOMEWORK**

1. Match the following statements into equations.

Let's assume the number is x .

- a. 5 added to a number is 9.

- b. 3 subtracted from a number is 12.

- c. 5 times a number decreased by 2 is 4.

- d. Twice the sum of a number and 7 is 13.

$$2(x + 7) = 13$$

$$x - 5 = 9$$

$$x - 3 = 12$$

$$2x + 7 = 13$$

$$5 + x = 9$$

$$5(x - 2) = 4$$

2. The sum of two consecutive even numbers is 38. Find the numbers.

The smaller number is _____ and the larger number is _____.

3. Rene is 6 years older than her sister. After 10 years, the sum of their ages will be 50 years. Find Rene's present age.

Rene is _____ years old.

4. The length of a rectangle is 10 m more than its breadth. If the perimeter of a rectangle is 80 m, find the length and the breadth of the rectangle.

The length is _____ and the breadth is _____.