

Solve and check the following equations

1) $-5 + n + 16 = -3$

2) $5x - 2x = 6^2$

3) $7y - 4(3y - 5) = 80$

4) $\frac{7a+1}{2} = 18$

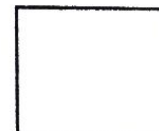
5) $3x - (5x + 12) = 34$

6) $15 - 6(2a - 6) = 27$

7) $7(3x - 2) - x = 46$

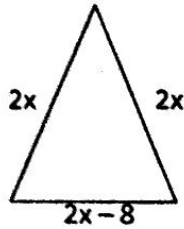
8) $63 = -3(8t + 3) + 6t$

9) Find the value of x if the perimeter of the square is 60

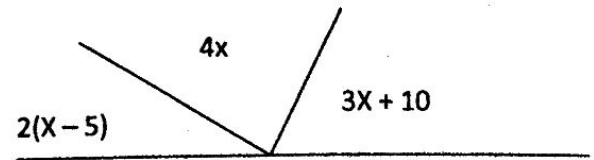


$2x - 5$

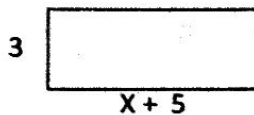
- 10) Write an equation and find the value of x if the perimeter of the triangle is 64.



- 14) The sum of the angles on a line is 180° . Find the measurement of each angle. (not drawn to scale)



- 11) Write an equation and solve for x if the area of the rectangle is 42 in^2



- 15) A rectangles length is 2 more than twice the width. Find the length and width of the rectangle if the perimeter is 58 inches.

- 12) Find 4 consecutive integers whose sum is 30.

- 13) Find 3 consecutive even integers whose sum is -48 .