

NAME _____ HW # _____

Solve each equation below.

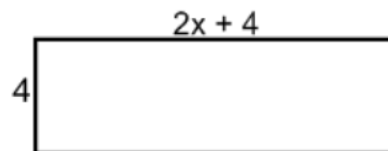
1.) Find two consecutive integers whose sum is 33

2.) Find two consecutive integers whose sum is -81.

3) The sum of four consecutive integers is -94. Find the integers.

4.) The perimeter of the following rectangle is 48.

Write an equation to find the value of x . Then solve it.



5.) For the equation solved below, identify the property used in each step (remember the properties of equality as well).

$10(12 - x) + 25 = 325$ Given Equation

$120 - 10x + 25 = 325$ _____

$120 + 25 - 10x = 325$ _____

~~$145 - 10x = 325$~~
 ~~$-145 \quad -145$~~ _____

~~$-10x = 180$~~
 ~~$-10 \quad -10$~~ _____
 $x = 8$ _____