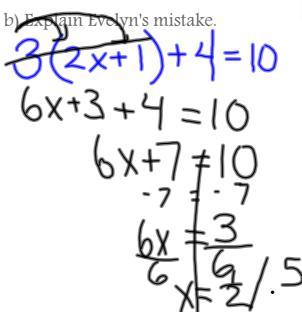
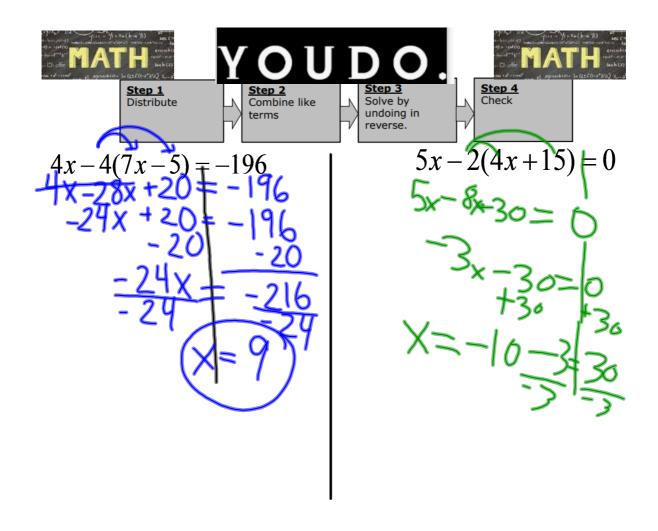


Evelyn knows she solved the following equation incorrectly because it doesn't check.

a) Solve the equation correctly.





## Solving Equations that require Combining Like-Terms

With your partner, find and fix the errors in the equations below.

We'll go over it in about 15 minutes!

| Problem and Incorrect Solution      | Correct Solution (show all work) | Explanation of Errors Made (some have more than one mistake) |
|-------------------------------------|----------------------------------|--|
| -2(8m + 8) = -16<br>-16m + 16 = -16 | -2(8mt8)7/10                     | She didn't   |
| $\frac{-16m}{16} = \frac{-32}{16}$  | 76m -16=-16                      | distribute   |
| m = -2                              | + 16 + 16                        | The negotive   |
|                                     | -16m = C                         |  |
|                                     | - 10 - 1                         |  |
|                                     | M                                |  |

| Problem and Incorrect Solution                                  | Correct Solution (show all work) | Explanation of Errors Made (some have more than one mistake) |
|---|----------------------------------|--|
| 5(1 + 4h) + 2h = 27 $5 + 20h + 2h = 27$ $27h = 27$ $27$ $h = 1$ |                                  |  |

| Problem and Incorrect Solution   | Correct Solution (show all work) | Explanation of Errors Made (some have more than one mistake) |
|--|----------------------------------|--|
| -2(x-8) + 4x = -12 $-2x - 16 + 4x = -12$ $-2x - 16 + 4x = -12$ $-2x - 16 = -12$ $+16 + 16$ $-2x = 4$ $2$ $x = 2$ |                                  |  |

Solve and check your solution.

$$15 - 2(3 - 2x) = 46$$

Before you leave class today...

## COMPLETE THE EXIT TICKET ON THE LAST

PAGE AND TURN IT IN!!!



| Name: |  |  |  |
|-------|--|--|--|
| - 100 |  |  |  |

Solve the equation shown below. SHOW ALL WORK!

Score: \_\_\_\_\_/5

## **EXIT TICKET**

115 = -4x - 3(-5x + 2)

\*tear this page off and turn it in before you leave class today\*

