1. Suzi bought 3 pairs of pants and 2 shirts for a total cost of \$105.82. Joanna also shopped in the same store and bought 4 pairs of pants and 5 shirts, her total was \$181.32. What is the cost of one pair of pants and one shirt?

\$17.24 for each shirt \$23.78 for each pair of pants

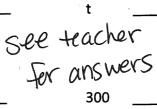
2. Solve the equation. Use properties of equality to justify each step. make Sure your properties 3(2x-5)+11=-9x-10

 $X = -\frac{6}{15}$ or $-\frac{2}{5}$ or -0.4

You need to buy some tires and windshield wipers for your car. Let "t" represent the cost of one tire and "w" represent the cost of one windshield wiper. Use the equation 4t + 2w = 300.

3. Explain what VOCABULARY term best represents each part of the equation.

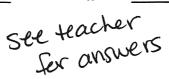
2



4t

- 300
- 4. Explain what each part of the equation means IN CONTEXT of the situation.

2



4t

5. Write an equation of a line in slope intercept form.

a.
$$m = \frac{-1}{2} (6, -7)$$

b.
$$(6,-1)(9,3)$$

$$Y = \frac{4}{3}X - 9$$