

Key NO WORK

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

$$3(2x - 5) + 11 = -9x - 10$$

justify each step. make sure you write your properties!

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

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

t

see teacher
for answers

4t

300

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

2

w

see teacher
for answers

4t

4t+2w

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

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

$$y = -\frac{1}{2}x - 4$$

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

$$y = \frac{4}{3}x - 9$$