

Name:

ANSWERS!

Class:



Communication



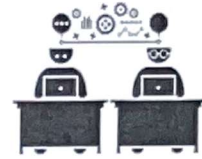
Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

You buy 3 notebooks and 2 folders. The total cost is \$4.50. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is notebooks and y is folders.

$$3x + 2y = 4.5$$

Question 02

You buy 4 t-shirts and 2 pairs of shorts. The total cost is \$35. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is t-shirts and y is pairs of shorts.

$$4x + 2y = 35$$

Question 03

You buy 200 bumper stickers and 500 buttons for a service campaign. The total cost is \$950. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is bumper stickers and y is buttons.

$$200x + 500y = 950$$

Question 04

You buy 20 juice boxes and 50 granola bars. The total cost is \$200. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is juice boxes and y is granola bars.

$$20x + 50y = 200$$

Question 05

You buy 2 hot dogs and 3 sodas. The total cost is \$12.50. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is hot dogs and y is sodas.

$$2x + 3y = 12.5$$

Question 06

You buy 4 packs of gum and notebooks and 2 bottles of water. The total cost is \$10. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is packs of gum and y is bottles of water.

$$4x + 2y = 10$$

Question 07

You buy 25 balloons and 5 noise makers. The total cost is \$9.50. Write an equation in standard form, $ax + by = c$, that represents the total spent when x is balloons and y is noise makers.

$$25x + 5y = 9.5$$