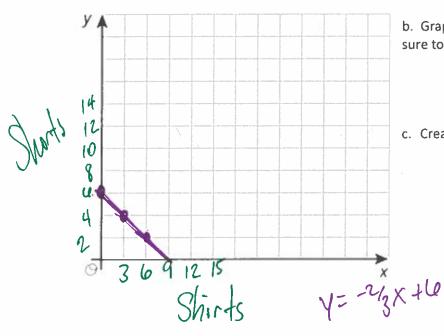
Solving Linear Equations Practice

6. ⚠ store sells t-shirts for \$4 and shorts for \$6. You have \$36 to spend. ♣

a. Complete the table showing different ways you can spend your \$36.

t-shirts (x)		shorts(y)		
0		le	- \$	36
3	\$12	4	\$24 = 8	1.36
6	\$24	2	\$12 = 8	36



- b. Graph your points on the following graph. Be sure to label your x-axis and y-axis appropriately.
- c. Create an equation to match this situation. (words) 4x + ley = 3le

(

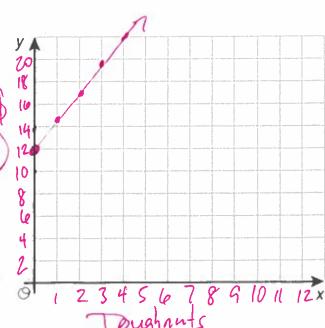
- Amber is ordering doughnuts for her class. The doughnuts cost \$2.50 each and the bakery adds a \$12 delivery fee to all orders.
 - a. Write an equation to match this situation.

Y= 2.50x +12

b. How much will Amber spend if she has 30 people in her class including herself?

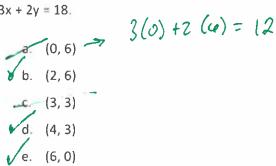
2,50 (30) +17 = \$87

c. Graph this situation. Be sure to label and scale the graph.



Solving Linear Equations Practice

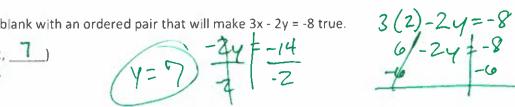
1. Select all the ordered pairs (x, y) that are solutions to the linear equation 3x + 2y = 18



2. Fill in the blank with an ordered pair that will make x + y = 5 true.



3. Fill in the blank with an ordered pair that will make 3x - 2y = -8 true.



- 4. Concert tickets cost \$15 for general admission. If you show your student ID, the concert tickets only cost \$9. The concert sold a total of \$4500 worth of tickets for the show.
 - a. Write an equation to represent this situation.

b. If there were 168 general admission tickets sold, how many student tickets did they sell to earn the \$4500?

- 5. Your digital camera has a 512 megabyte memory card. You take pictures at two resolutions, a low resolution requiring 4 megabytes of memory per photo and a high resolution requiring 8 megabytes of memory per photo.
 - a. Write an equation to represent this situation.

b. You used up all the space on your memory card. You have 108 low resolution pictures on your memory card. How many of the pictures are low resolution?

