September 1, 2015

Get a pink piece of Warm-Up paper from the shelf that is under the word wall.
Copy down the DATE and workout the THREE QUESTIONS.

1.   Simplify: $-3 + (-5) - (-2)$

2.   Simplify: $-3(-5)(-2)$

3. What is the only case where half of 5 is 4?

September 2, 2015

1. $3^2 - (2 + 6) + (-4) \div (-2)$

2. $\dfrac{9}{7} + \left(\dfrac{-3}{14} \right)$

3. $\dfrac{-9}{4} \left(\dfrac{-8}{27} \right)$

September 3, 2015

1. $\dfrac{-7}{3}\left(\dfrac{18}{21}\right)$

2. $-\dfrac{3}{5} \div \left(-1\dfrac{5}{7}\right)$

September 8, 2015

1.

$$5 - (3 - 5)^4 (3) + 8 \div (-4)$$

September 9, 2015

1. $\left(2\dfrac{1}{2} \right)\left(\dfrac{-5}{6} \right)$

1. $$\frac{\frac{3}{2}}{\frac{1}{2}}$$

2. Convert 0.68 to a fraction.

September 11, 2015

1. Simplify this expression:

$$4a^2 - 8ab + 6a^2 - 10b + b - a^2 + 10ab - 8$$

September 14, 2015

1. Define: **Coefficient**

2. Simplify:

$$4a - 3b + 5 - 3b + 3a - 4c + 20 + 8c$$

September 15, 2015

1. Define VARIABLE.

2. Solve:

$$c - 8 = 4$$

September 16, 2015

1. Solve for x:

$$-3x - 3 = -21$$

September 17, 2015

1. Solve for x:

$$2x - 15 = -13$$

September 18, 2015

1. Solve for x:

$$62 - 3x = 5$$

September 21, 2015

1. Solve for x:

$$2(x - 2) = -4$$

September 22, 2015

1. Solve for x:

$$2x - 8 = 11x - 35$$

September 23, 2015

1. Write a linear equation for the following table:

Time	Distance
-2	0
0	4
2	8
4	12
6	16
8	20

September 24 & 25, 2015

1. What is the probability of rolling a 5 on a regular 6-sided die?

2. What is the probability of rolling an even number on a regular 6-sided die?

September 28, 2015

1. Write a linear equation for the following table:

Miles	Money
2	150
4	150
8	150
12	150
14	150
18	150

September 29, 2015

1.   Write a linear equation for the following table:

x	y
-1	80
3	92
7	104
11	116
15	128
23	152

September 30, 2015

1. Write a linear equation for the following graph:

Fundraiser
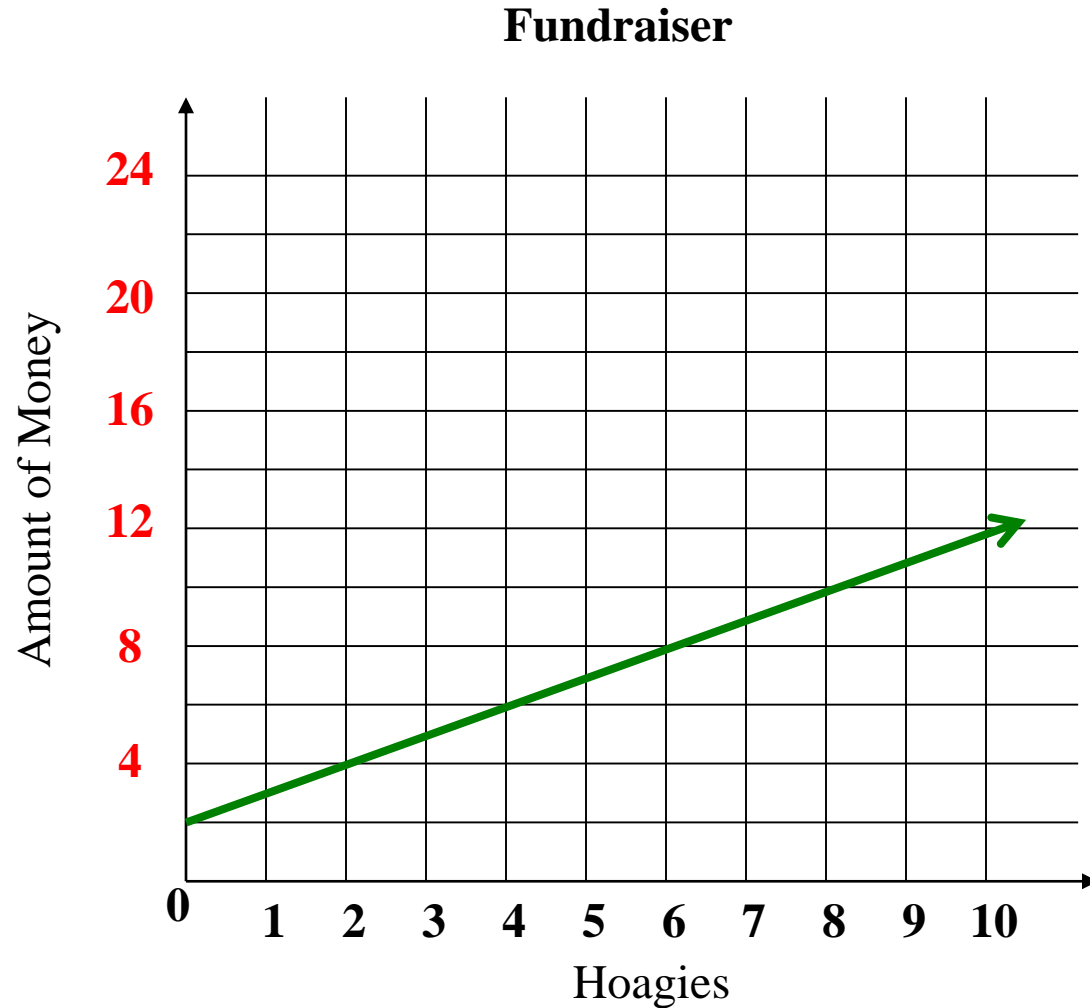
October 2, 2015

1. Write a linear equation for the red line.
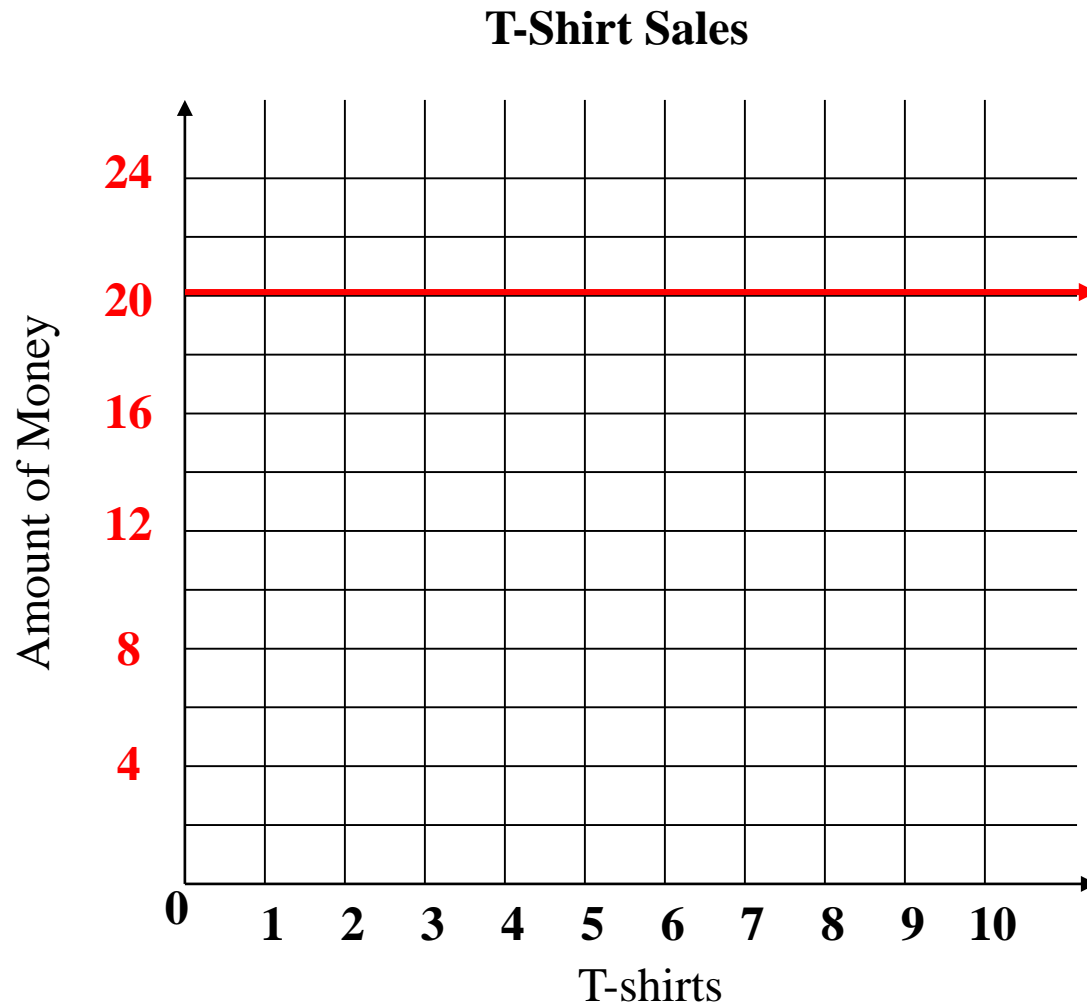
T-Shirt Sales
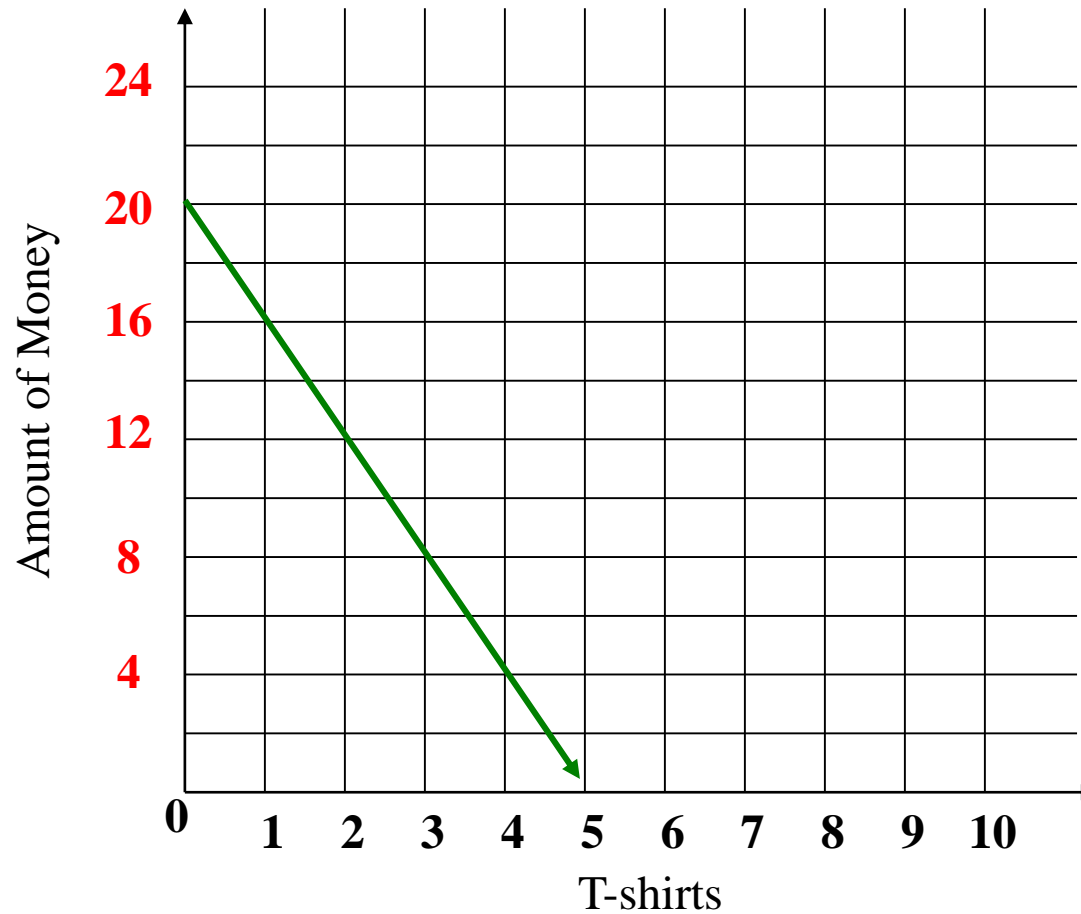
October 5, 2015

1. Write a linear equation for the green line.

T-Shirt Sales

October 6, 2015

1. If $y = 8$, then solve for x in the following linear equation:

$$y = 6x - 40$$

October 7, 2015

1. If $k = 9$, then solve for m in the following linear equation:

$$k = 5m + 2$$

October 8, 2015

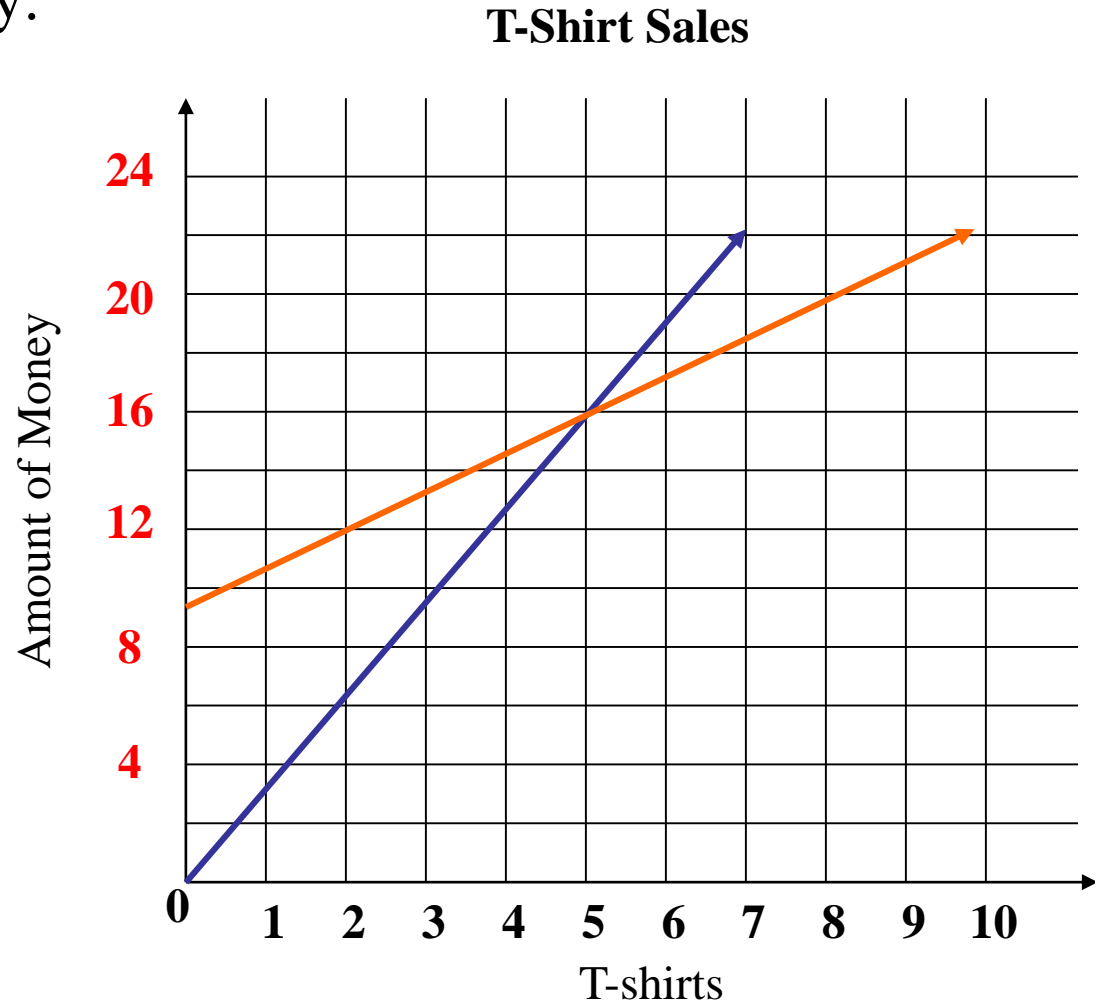1. Create a linear equation with a slope of -5 and a y-intercept of 8.

October 9, 2015

1. Create a linear equation with *y*-intercept of 4, a rise of 6, and a run of -2.

October 15, 2015

1. Find the amount of t-shirts when the companies make the same amount of money.

T-Shirt Sales

October 19, 2015

1. Below are two equations that represent the sales of hats for two different companies. For what number of hats (x) will their sales (y) be equal?

$$y = 2x + 1 \qquad y = 1.5x + 6$$

October 20, 2015

1. Below are two equations that represent the sales of pet rocks for Eddie and Colin. For what number of pet rocks (x) will their sales (y) be equal?

Eddie's   Colin's

$$y = 3x \qquad y = 0.5x + 15$$

October 21, 2015

1. Below are two equations that represent the sales of wacky socks for Emily and Riley. For what number of wacky socks (x) will their sales (y) be equal?

Emily's

$$y = 12x$$

Riley's

$$y = 0.34x + 1399.20$$

October 22, 2015

1. Below are two equations that represent the sales of fried Oreos for Julian and Bill. For what number of fried Oreos (x) will their sales (y) be equal?

Julian's   Bill's

$$y = x + 2 \qquad\qquad y = 0.5x + 10$$

1. $$\frac{-7}{3}\left(\frac{18}{21}\right)\left(\frac{5}{6}\right)\left(\frac{-7}{5}\right)$$

1. $\dfrac{-2}{3}\left(\dfrac{3}{4}\right)\left(\dfrac{-6}{11}\right)\left(\dfrac{-22}{24}\right)$

October 28, 2015

1. Solve for x:

$$6 - 5x = 36$$

October 29, 2015

1. Solve for x:

$$-9 - 2x = 19$$

November 2, 2015

1. Solve for x:

$$3(2-2x)=19$$