May 6, 2019, Monday

Multiple Choice

Identify the choice that best completes the statement or answers the question.

Write an equation of the line with the given slope and y-intercept

1. slope: 1, y-intercept: 10

a.
$$y = -\frac{4}{3}x + 10$$

c.
$$y = x + 10$$

b.
$$y = x - 10$$

d.
$$y = -x + 10$$

Write a linear equation in slope-intercept form to model the situation.

2. An icicle is 12 inches long and melts at a rate of $\frac{1}{4}$ inch per hour.

a.
$$L = 12 - \frac{1}{4}t$$

c.
$$L = 12 - 4t$$

b.
$$L = \frac{1}{4} - 12t$$

d.
$$t = 12 - \frac{1}{4}L$$

May 7, 2019 Tuesday

Write each equation in standard form.

8.
$$y-2=-2(x-9)$$

a.
$$y = -2x + 20$$

b. $2x + y = 20$

c.
$$2x - y = 20$$

d. $2x + y = 16$

$$2x + y = 20$$

Write the equation in slope-intercept form.

9.
$$y+3=2(x-1)$$

a.
$$y = 2x - 5$$

c.
$$y = 2x + 5$$

b.
$$y = 2x + 5$$

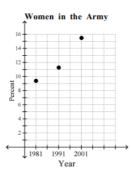
d.
$$y = -2x - 5$$

https://www.multiplication.com/games/play/quick-flash-ii Pick starting level 1-9, you have a 'green' dot in the bottom left of each card. Practice all levels!	

May 8, 2019, Wednesday

Determine whether the graph shows a positive correlation, a negative correlation, or no correlation. If there is a positive or negative correlation, describe its meaning in the situation.

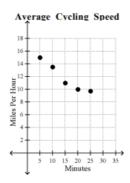
12.



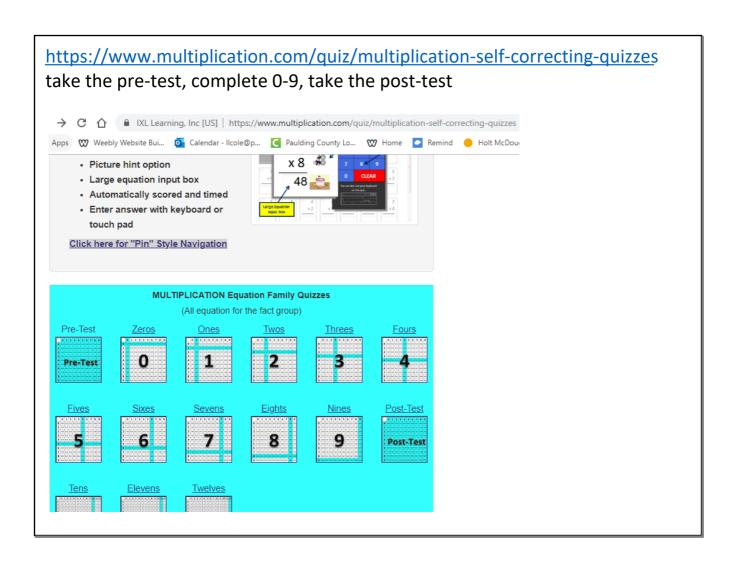
Source: Time Magazine, March 24, 2003

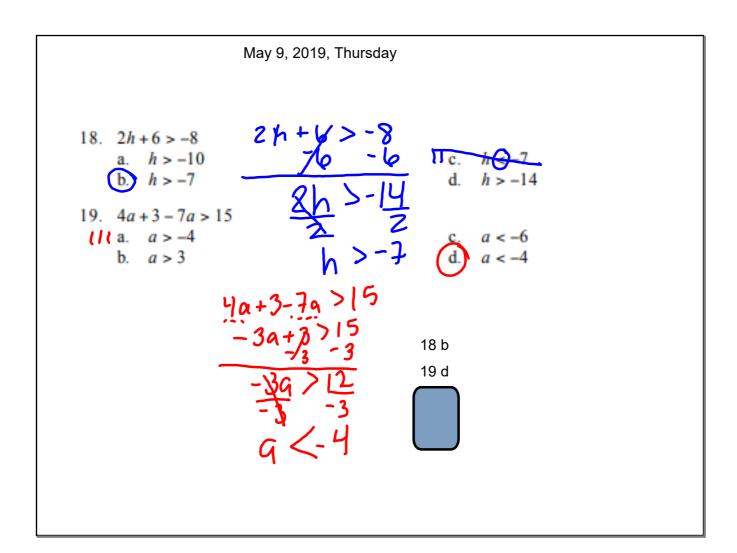
- positive; as time goes on, more women are in the army. no correlation
- negative; as time goes on, fewer women are in the army.
- negative; as time goes on, more women are in the army.

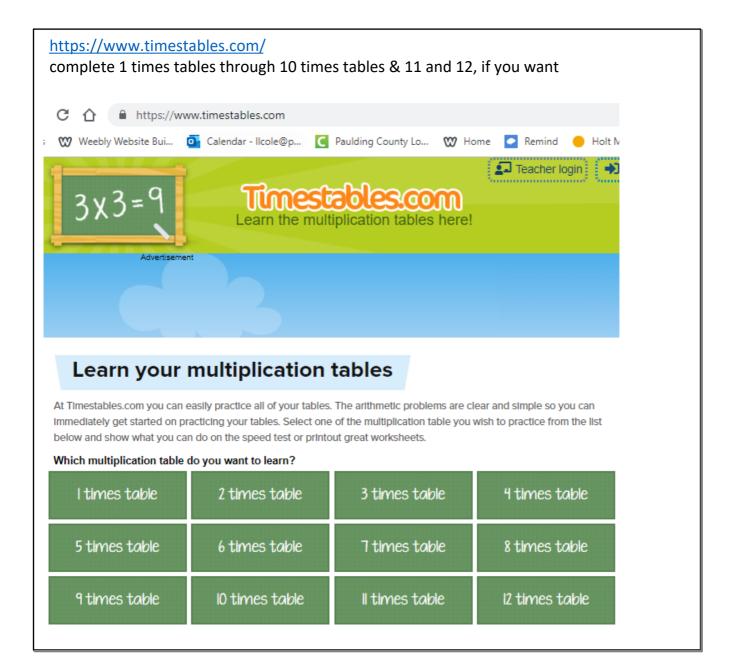
13.

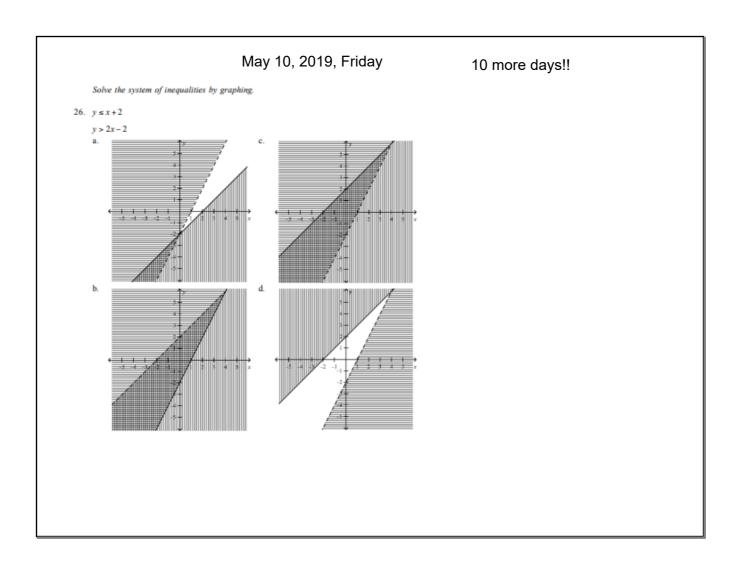


- no correlation
- b. negative; as time passes, speed decreases
- positive; as time passes, speed increases
- positive; as time passes, speed decreases









https://www.mathsisfun.com/numbers/math-trainer-multiply.html
workout time 5 minutes, cutoff 8 sec, try 1x1to5x5, 6x6to9x9, 2x6to5x9, and one other of your choosing
Assessment