

DIRECTIONS

Answers without work to check. If you cannot find your mistake then please seek help EARLY! This assignment is worth 4 pts. 1) did you complete it 2) did you show all the work 3) did you correct in pen 4) did you get 75% of the problems correct?

3.2 DAY 2 WS B answers. Check the ones you were supposed to do for your assignment. Ask questions on any in class that you cannot figure out your mistake.

1. linear; The graph is a line.
2. nonlinear; The graph is not a line.
3. nonlinear; The rate of change is not constant.
4. linear; The rate of change is constant.
5. linear; can be written in the form $y = mx + b$
6. linear; can be written in the form $y = mx + b$
7. nonlinear; cannot be written in the form
 $y = mx + b$
8. nonlinear; cannot be written in the form
 $y = mx + b$
9. continuous; Time is continuous.
10. discrete; You cannot buy part of a ticket.

3.3 DAY 2 WS B answers. Check the ones you were supposed to do for your assignment. Ask questions on any in class that you cannot figure out your mistake.

1. $f(-2) = -2$; $f(0) = 1$; $f(5) = 8.5$

2. $g(-2) = 19$; $g(0) = 13$; $g(5) = -2$

3. $h(-2) = -3$; $h(0) = -5$; $h(5) = -10$

4. a. All (or 100%) of your friends had a landline phone in 2000.

b. The percentage of your friends with a landline phone was the same in 2005 as it was in 2006.

c. $m\%$ of your friends had a landline phone in 2010.

d. The percentage of your friends with a landline phone was greater in 2011 than it was in 2012.

5. 3

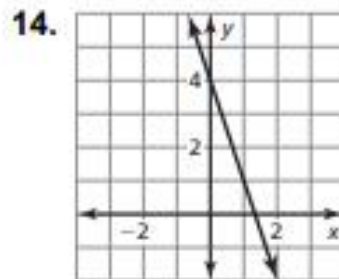
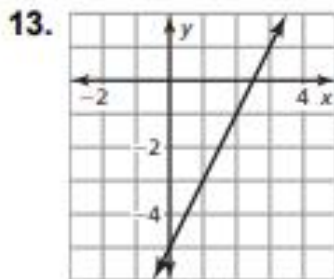
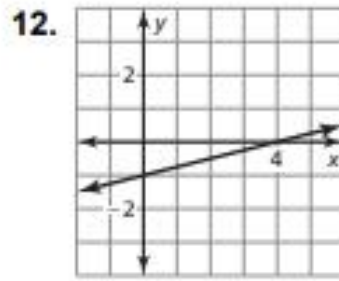
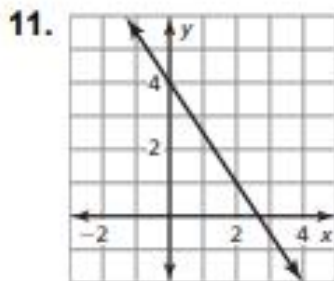
6. -5

7. 30

8. 12

9. 5

10. 5



15. either one; They both charge \$250 for 5 hours of labor.