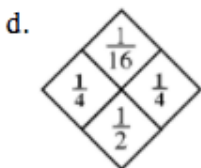
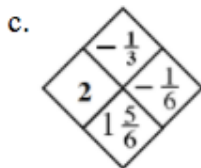
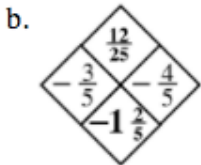
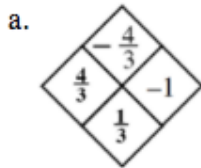


Lesson 2.2.2
Homework Answers

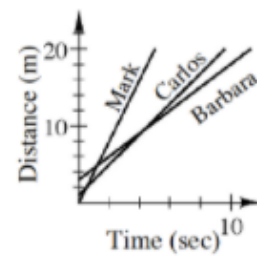
2-59. $y = 2x + 3$

2-60. Find solutions in the diamonds below:



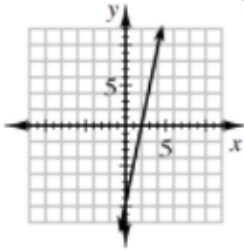
2-61. See below:

- a. The dependent variable is distance in meters and the independent variable is time in seconds.
- b. See graph at right. Mark won the race, finishing in 5 seconds.
- c. Barbara: $y = \frac{3}{2}x + 3$, Mark: $y = 4x$
- d. 5 meters every 2 seconds, or $\frac{5}{2}$ meters per second.
- e. 2 seconds after the start of the race, when each is 6 meters from the starting line.



Lesson 2.2.2
Homework Answers

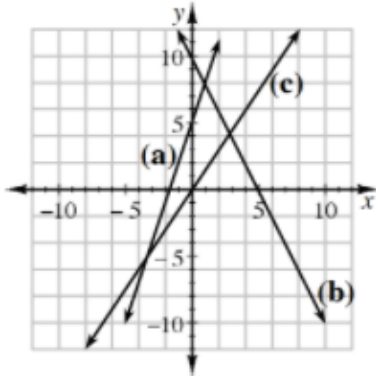
2-62. See table at right and graph below. x -intercept: $(2, 0)$, y -intercept: $(0, -10)$



x	y
-2	-20
-1	-15
0	-10
1	-5
2	0
3	5
4	10

2-63. $m = 3$

2-64.



Lesson 2.2.2
Homework Answers

2-65. See below:

a. $y = -2x + 1$

b. $x: (0.5, 0), y: (0, 1)$

2-66. See below:

a. 1

b. 0

c. 2

d. 7

2-67. See below:

a. $G = 5, \text{Fig } 0 = 3$

b. $G = -2, \text{Fig } 0 = 3$

c. $G = 3, \text{Fig } 0 = -14$

d. $G = -5, \text{Fig } 0 = 3$