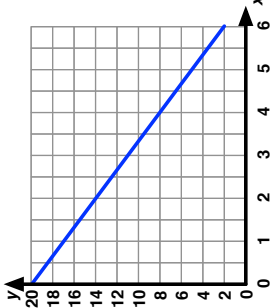


$$y = 8x + 5$$

1



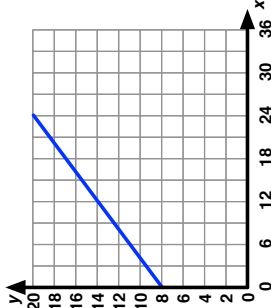
6

x	y
10	13
20	18
30	23
40	28
50	33

11

$$y = -0.75x + 20$$

2



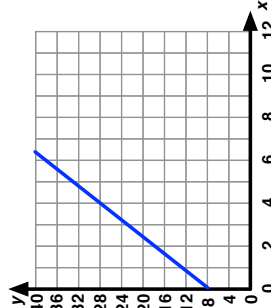
7

x	y
4	7
8	9
12	11
16	13
20	15

12

$$y = 5x + 8$$

3



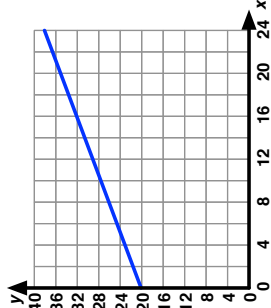
8

x	y
4	17
8	14
12	11
16	8
20	5

13

$$y = 0.5x + 8$$

4



9

x	y
2	14
4	8
6	2
8	-4
10	-10

14

Your goal is to walk 20 miles each week. You walk at a rate of 3 miles per hour.

What is the relationship between the number of hours you have walked and the number of miles needed to reach your goal?

5

I-Pass allows you to travel toll roads without stopping at toll booths. Using the I-Pass, you are charged \$0.75 per toll. Initially, your account has \$20 in it.

How does the amount of money remaining in your account relate to the number of tolls you have paid so far?

10

At a movie theater, it costs \$8 for a movie ticket and \$5 for each refreshment you buy.

How does the total cost to see a movie relate to the number of refreshments you buy?

15