Quick Review for Unit 3 Test

Find the pace for the following scenarios where x = # of miles and y = time in minutes:

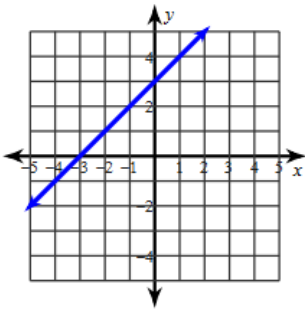| x	y
2	15
3	22.5
4	30

#1   y = 10x

#2

#3 What is the pace for each of the lines below? Write equations for each line.
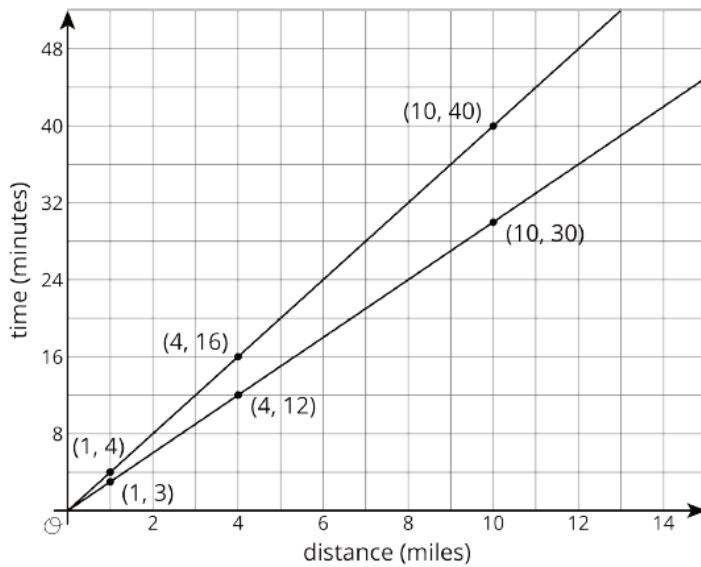
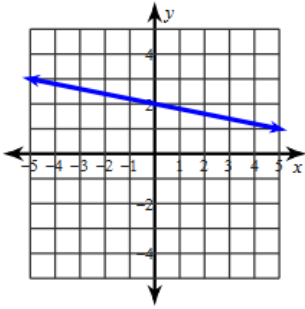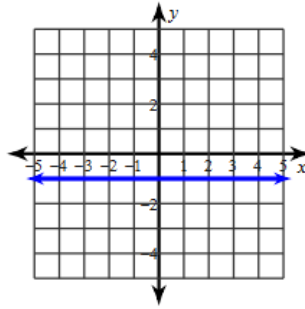**Write the slope-intercept form of the equation of each line.**

4)

5)
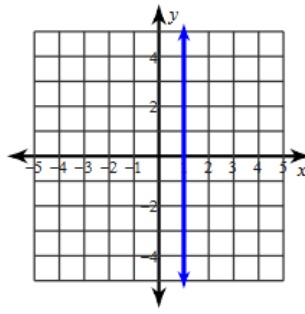
6)

7)

Verbal Description	Equation
It is $15 to get into the Spencer Fair and rides cost 2.00 each. Create an equation, table, and graph for this situation. **Slope = m =** **y-int = b=**	**Define your variables: (words!)** **y =** **x =** **Write your equation:** **y =**

Table of Values

X	Y

Graph (title and label!)

Questions:

1) What is the slope of the line? What does it represent in the situation?

2) What is the y-intercept of the line? Circle it. What does it represent in this situation?

3) If I have $60, how many rides can I go on? Show your work.