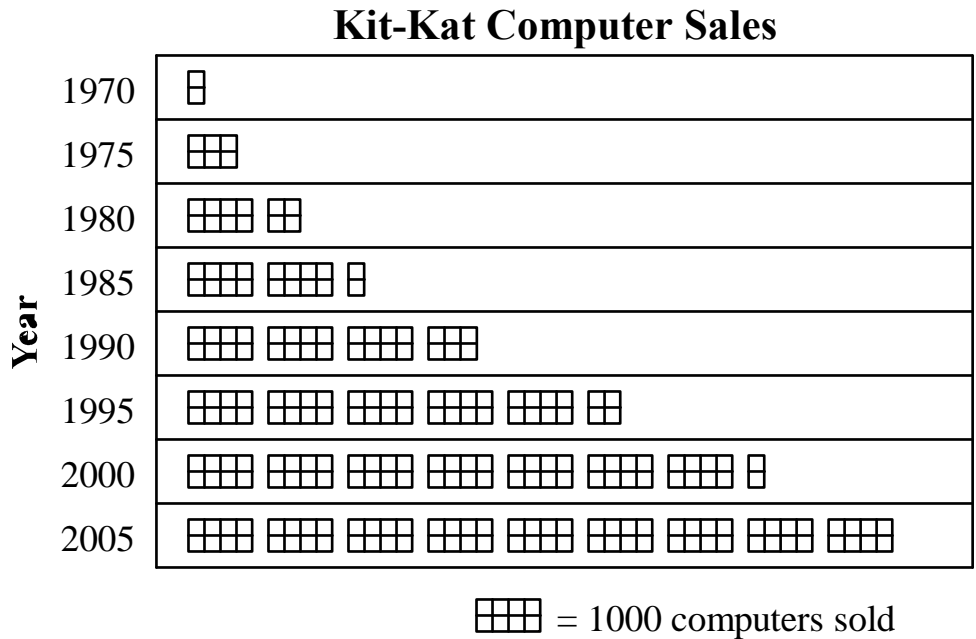
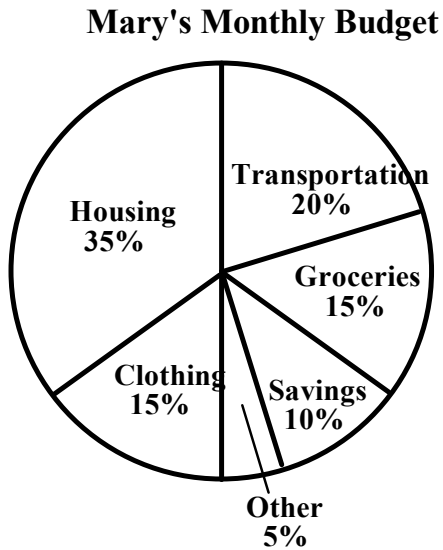


Use the given picto-graph to answer questions 1 to 5.



1. How many Kit-Kat computers were sold in 1980? \_\_\_\_\_
2. How many Kit-Kat computers were sold in 2000? \_\_\_\_\_
3. Estimate the number of Kit-Kat computers sold in 1992. \_\_\_\_\_
4. Estimate the number of Kit-Kat computers that will be sold in 2010. \_\_\_\_\_
5. What was the increase in Kit-Kat computer sales from 1975 to 2000? \_\_\_\_\_

The following circle graph shows the percentage of Mary's monthly income that she plans to spend on each of 6 different categories. If Mary has \$2000 per month in income, then answer questions 6 to 9. All of your answers must be in dollars.

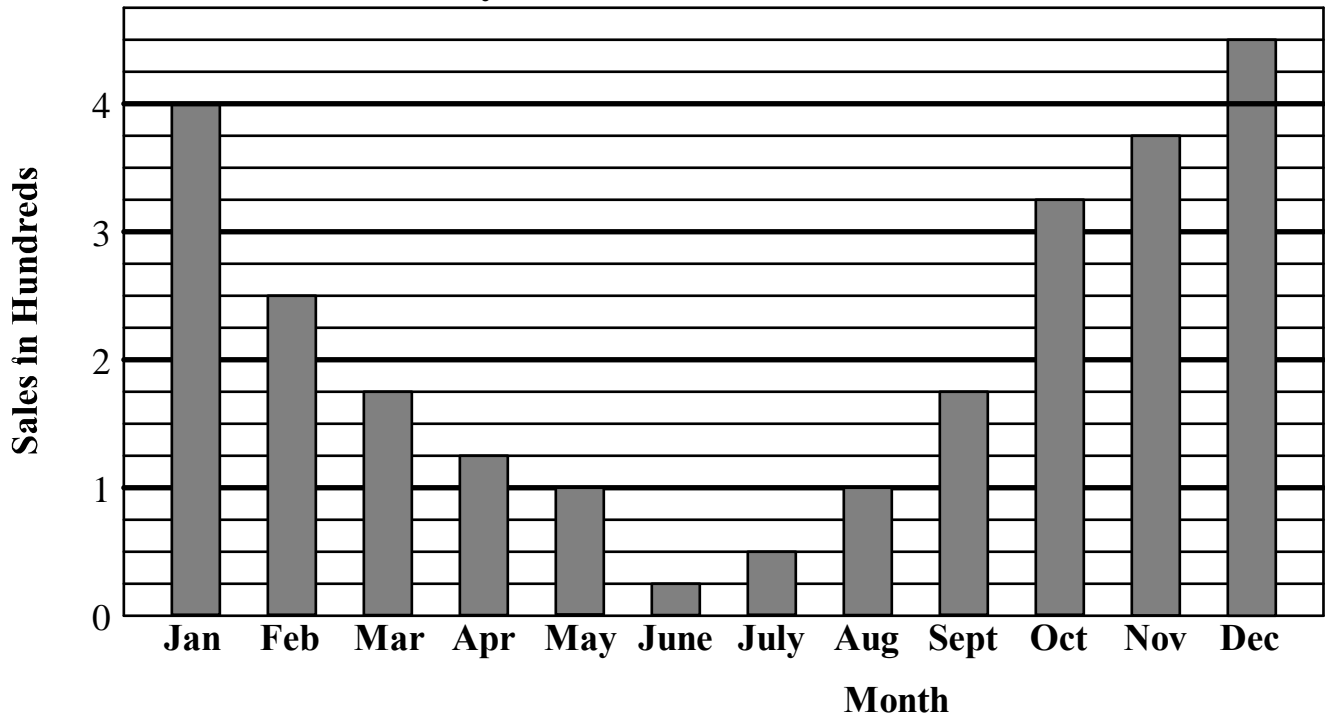


6. How much does Mary plan to spend per month on clothing? \_\_\_\_\_
7. How much does Mary plan to spend per month on transportation? \_\_\_\_\_
8. How much more does Mary plan to spend per month on housing than on groceries? \_\_\_\_\_
9. How much does Mary plan to spend per month on groceries and savings? \_\_\_\_\_

## Algebra I Review Unit 6 page 2

Use the given bar graph to answer questions 10 to 15.

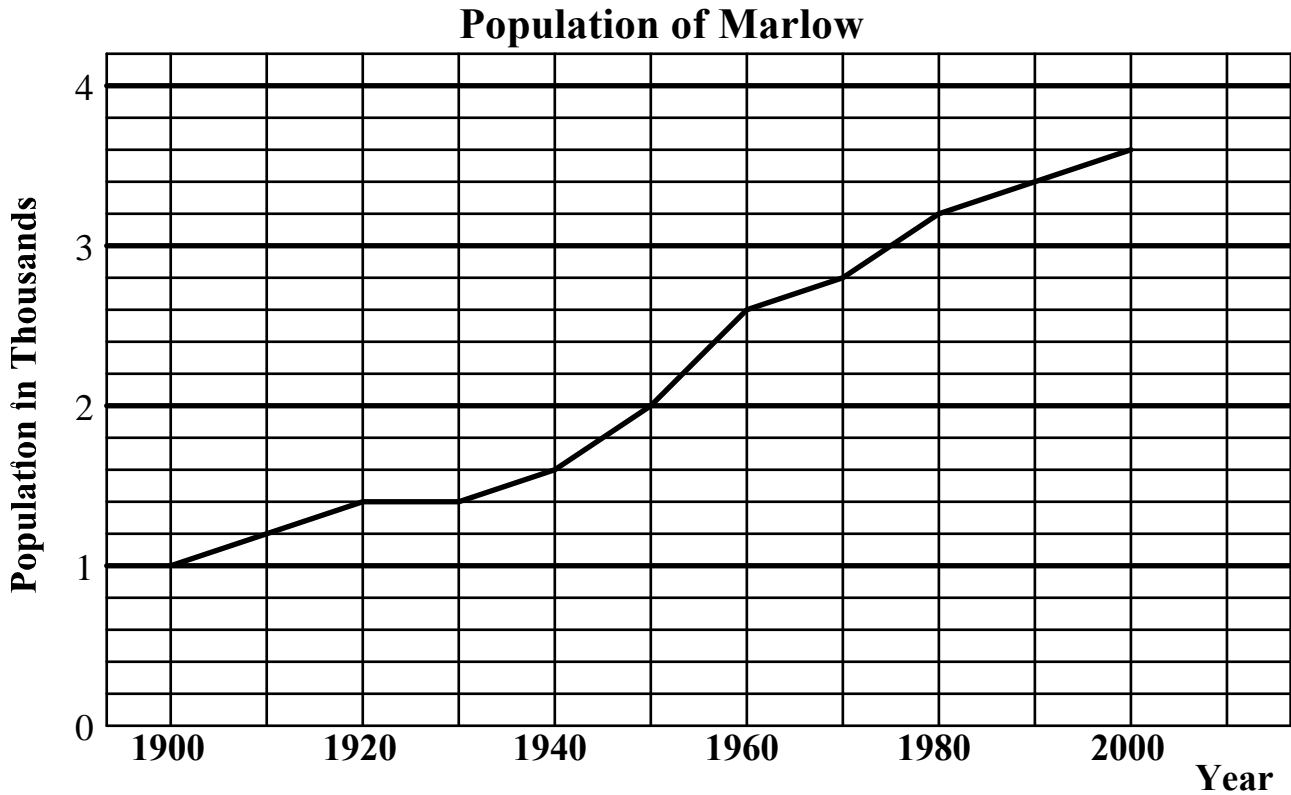
### Snowy Snow Board Sales for One Year



10. How many Snowy snow boards were sold in February? \_\_\_\_\_
11. How many Snowy snow boards were sold in September? \_\_\_\_\_
12. Which month had the greatest number of Snowy snow boards sold? \_\_\_\_\_
13. Which month had the least number of Snowy snow boards sold? \_\_\_\_\_
14. Which month had the greatest increase in the number of Snowy snow boards sold compared to the month before? \_\_\_\_\_
15. Which month had the greatest decrease in the number of Snowy snow boards sold compared to the month before? \_\_\_\_\_

# Algebra I Review Unit 6 page 3

Use the given broken line graph to answer questions 16 to 24.



- 16. What was the population of Marlow in 1900? \_\_\_\_\_
- 17. What was the population of Marlow in 1980? \_\_\_\_\_
- 18. Estimate the population of Marlow in 1945. \_\_\_\_\_
- 19. In what year did the population of Marlow reach 2,000? \_\_\_\_\_
- 20. In what year did the population of Marlow reach 3,000? \_\_\_\_\_
- 21. How much did the population of Marlow increase from 1900 to 1950? \_\_\_\_\_
- 22. How much did the population of Marlow increase from 1950 to 2000? \_\_\_\_\_
- 23. Which decade shows the greatest increase in the population of Marlow? \_\_\_\_\_
- 24. If the recent trend continues, what would you expect the population of Marlow to be in the year 2010? \_\_\_\_\_

# Algebra I Review Unit 6 page 4

Write the coordinates of each of the following points.

25. A: \_\_\_\_\_

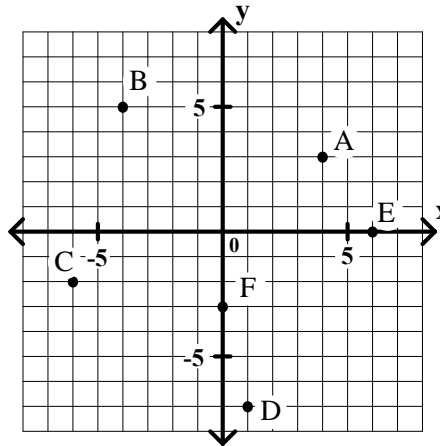
26. B: \_\_\_\_\_

27. C: \_\_\_\_\_

28. D: \_\_\_\_\_

29. E: \_\_\_\_\_

30. F: \_\_\_\_\_



Graph each of the following points on the given grid. Label each point with the appropriate letter.

31. G: (-5, 3)

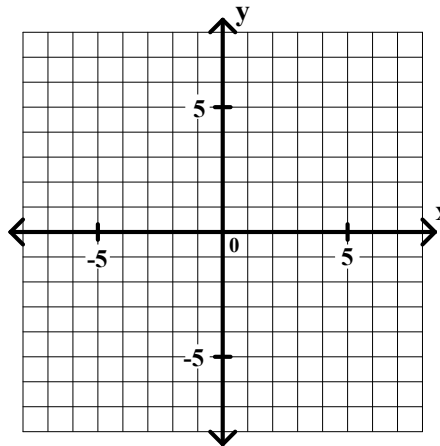
32. H: (2, 4)

33. J: (0, 4)

34. K: (4, -3)

35. L: (-7, 0)

36. P: (-3, -6)



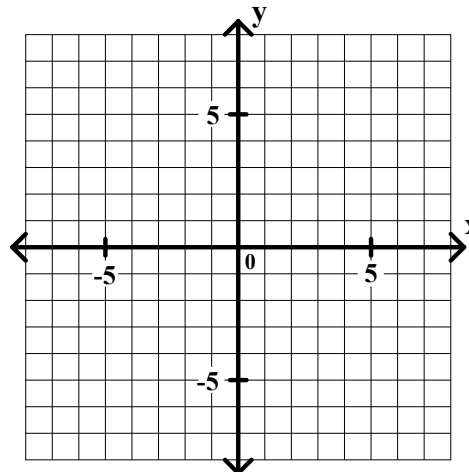
Fill in the table for each of the following linear equations. Then graph the line that each equation represents. Label the graph with its equation.

37.  $y = 3x$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

38.  $y = x - 1$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



## Algebra I Review Unit 6 page 5

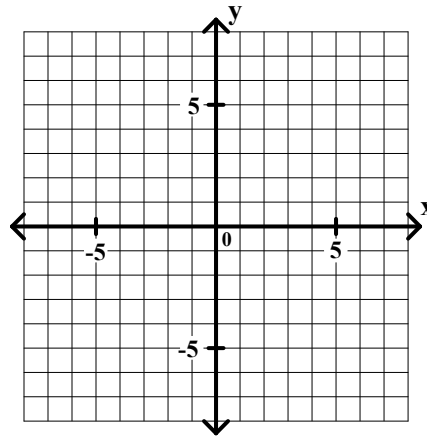
Fill in the table for each of the following linear equations. Then graph the line that each equation represents. Label the graph with its equation.

39.  $y = 2x - 3$

40.  $y = -3x + 1$

x	y
-3	
-2	
-1	
0	
1	
2	
3	

x	y
-3	
-2	
-1	
0	
1	
2	
3	



For each of the following equations:

(a) find its slope,

(b) find its y-intercept, and

(c) sketch its graph. Label each graph with its equation.

41.  $y = 2x + 3$

(a) \_\_\_\_\_ (b) \_\_\_\_\_

42.  $y = \frac{2}{3}x - 1$

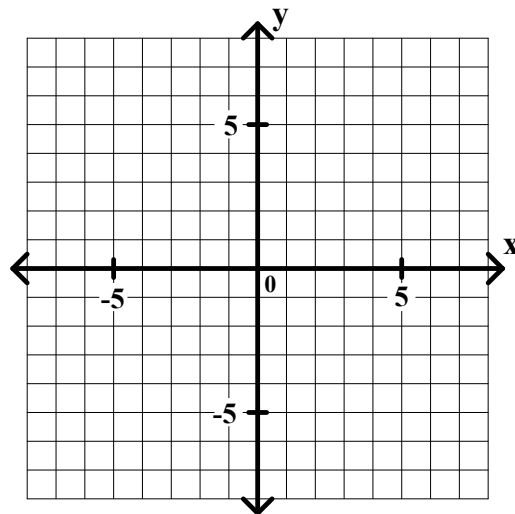
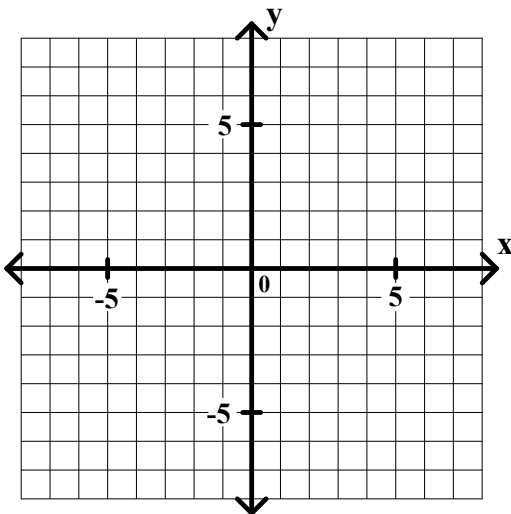
(a) \_\_\_\_\_ (b) \_\_\_\_\_

43.  $y = -3x - 2$

(a) \_\_\_\_\_ (b) \_\_\_\_\_

44.  $y = \frac{1}{4}x$

(a) \_\_\_\_\_ (b) \_\_\_\_\_



# Algebra I Review Unit 6 page 6

Graph each of the following.

45.  $y = 3x - 4$

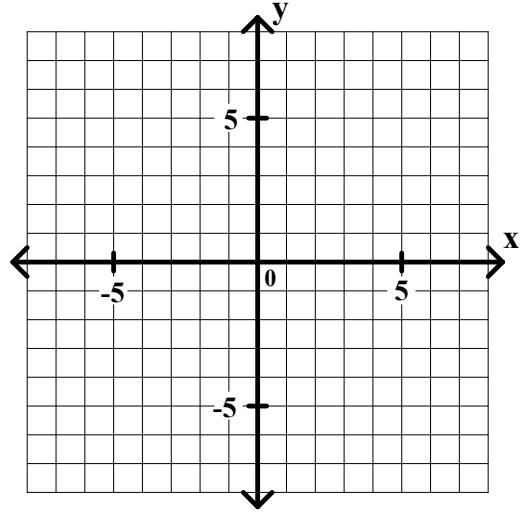
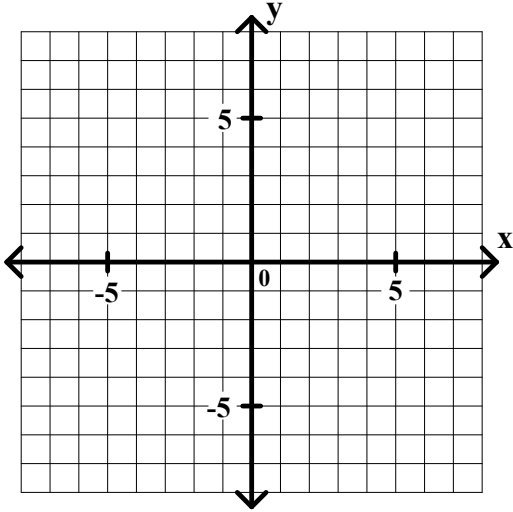
46.  $y = -2x + 1$

47.  $y = \frac{2}{5}x + 2$

48.  $y = \frac{3}{2}x - 2$

49.  $y = -3$

50.  $y = -3x$



51.  $x = 5$

52.  $x + y = 4$

53.  $3x - 4y = 8$

54.  $5x + 2y = 6$

55.  $2x - y = 3$

56.  $x + 3y = -3$

