Name: _____ **Class:** _____ **Date:** _____

AP Statistics Summer Review

____ 1. The number of eagles observed along a certain river per day over a two week period is listed below. What is a frequency table that represents the data?

1 3 2 5 10 8 9 15 0 7 12 13 6 18

a.

Eagles	Frequency
0 – 4	2
5 – 9	3
10 – 14	4
15 – 19	5

b.

Eagles	Frequency
0 – 4	4
5 – 9	5
10 – 14	3
15 – 19	2

c.

Eagles	Frequency
0 – 4	4
5 – 9	5
10 – 14	2
15 – 19	3

d.

Eagles	Frequency
0 – 4	5
5 – 9	4
10 – 14	2
15 – 19	3

Name: _____

____ 2. The number of hours a group of contestants spent preparing for a quiz show are listed below. What is a frequency table that represents the data?

60 25 86 56 45 48 90 75 30 67 90 36 80 15 32 65 61

a.

Hours	Frequency
0 – 9	0
10 – 19	1
20 – 29	1
30 – 39	3
40 – 49	2
50 – 59	1
60 – 69	4
70 – 79	1
80 – 89	2
90 – 99	2

c.

Hours	Frequency
0 – 9	0
10 – 19	1
20 – 29	2
30 – 39	1
40 – 49	2
50 – 59	1
60 – 69	4
70 – 79	1
80 – 89	1
90 – 99	1

b.

Hours	Frequency
0 – 9	4
10 – 19	1
20 – 29	1
30 – 39	2
40 – 49	3
50 – 59	4
60 – 69	1
70 – 79	1
80 – 89	1
90 – 99	1

d.

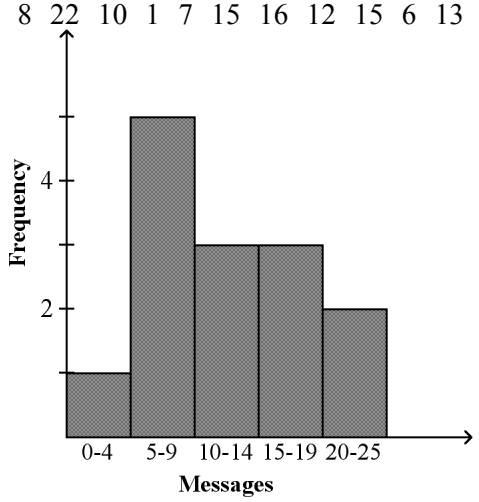
Hours	Frequency
0 – 9	1
10 – 19	2
20 – 29	1
30 – 39	2
40 – 49	2
50 – 59	3
60 – 69	3
70 – 79	1
80 – 89	0
90 – 99	2

Name: _____

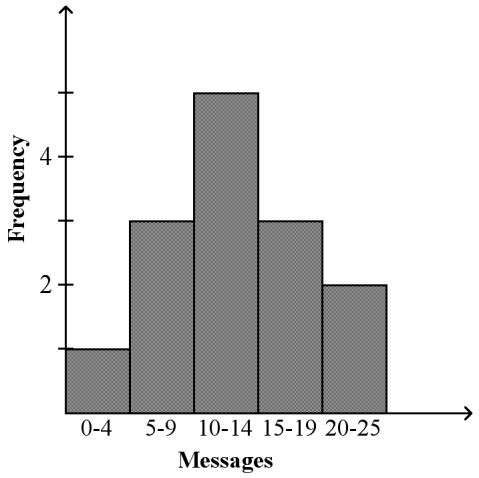
____ 3. The data below shows the average number of text messages a group of students send per day. What is a histogram that represents the data?

20 5 8 22 10 1 7 15 16 12 15 6 13 8

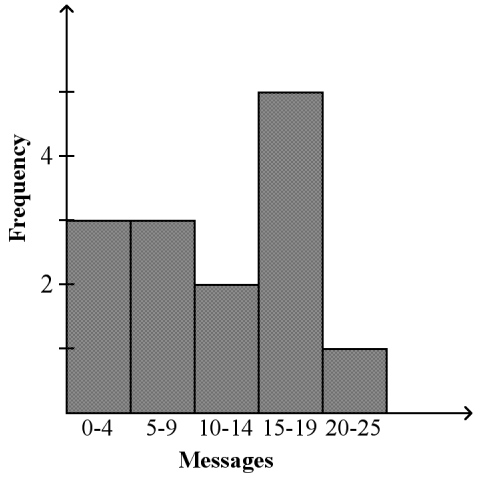
a.



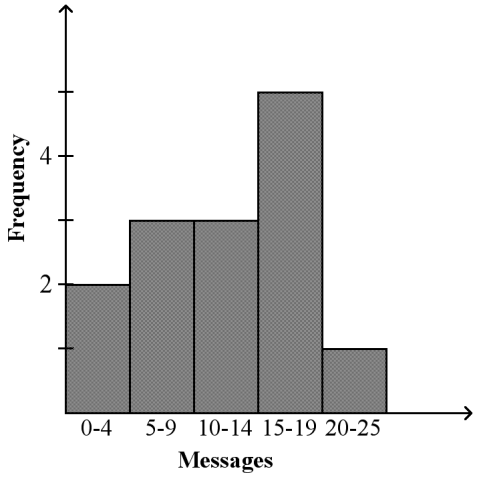
c.



b.



d.

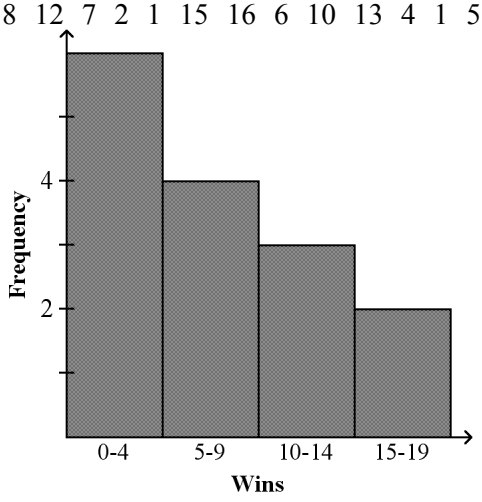


Name: _____

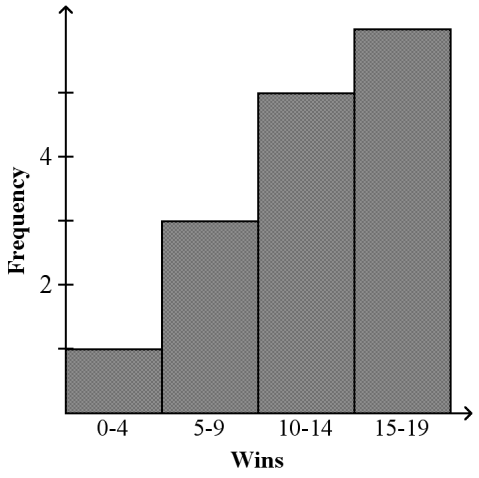
____ 4. The data below show the number of games won by a football team in each of the last 15 seasons. What is a histogram that represents the data?

3 4 8 12 7 2 1 15 16 6 10 13 4 1 5

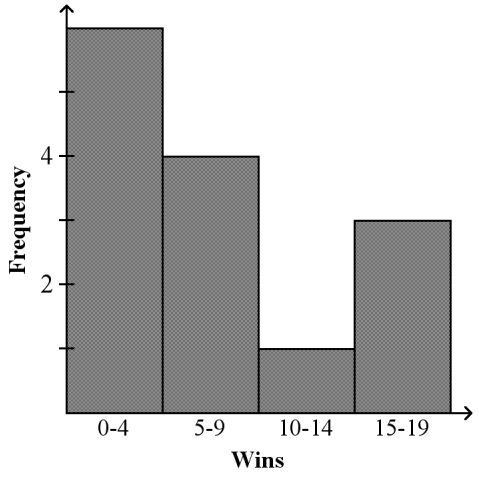
a.



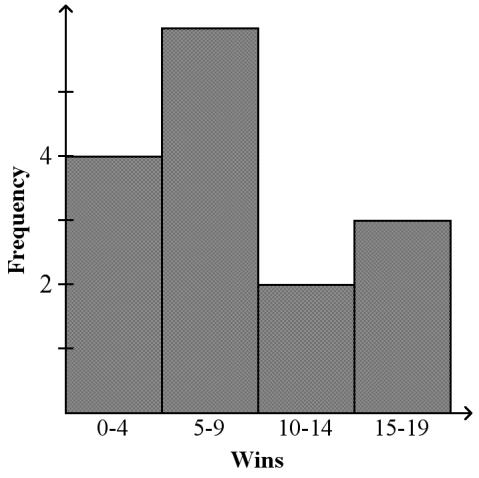
c.



b.



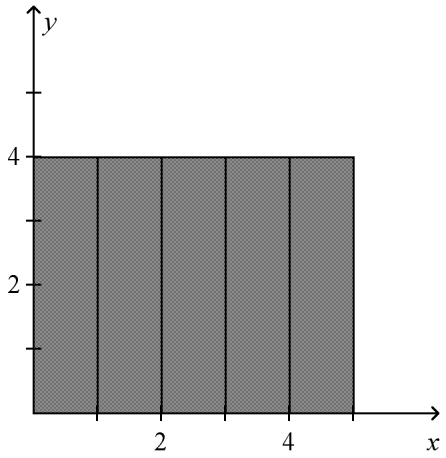
d.



Name: _____

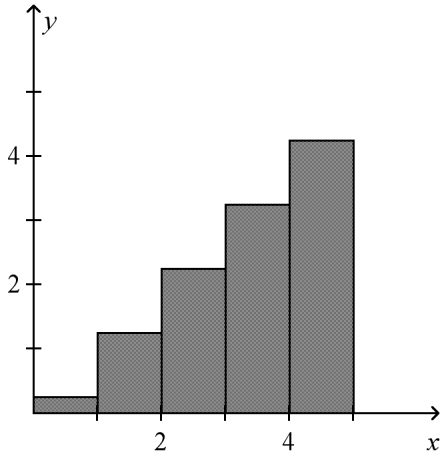
Is the histogram *uniform*, *symmetric*, or *skewed*?

____ 5.



a. symmetric
b. skewed
c. uniform

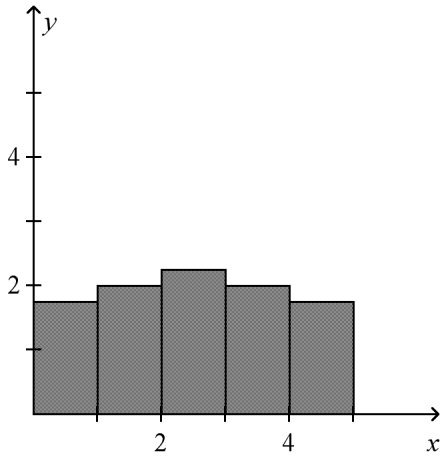
____ 6.



a. symmetric
b. uniform
c. skewed

Name: _____

____ 7.



a. skewed
b. uniform
c. symmetric

Name: _____

____ 8. The data below shows the number of kilowatt hours of electricity used by the tenants of a small apartment building in a given month. What is a cumulative frequency table that represents the data?

80 85 86 90 96 75 66 70
99 65 70 99 70 73 64 92
72 81 88 91 93 69 77 82

a.

Kilowatt Hours	Frequency	Cumulative Frequency
60 – 69	7	7
70 – 79	4	11
80 – 89	7	18
90 – 99	6	24

b.

Kilowatt Hours	Frequency	Cumulative Frequency
60 – 69	4	4
70 – 79	7	11
80 – 89	6	17
90 – 99	7	24

c.

Kilowatt Hours	Frequency	Cumulative Frequency
60 – 69	7	24
70 – 79	4	24
80 – 89	5	24
90 – 99	6	24

d.

Kilowatt Hours	Frequency	Cumulative Frequency
60 – 69	4	4
70 – 79	6	10
80 – 89	7	17
90 – 99	7	24

Name: _____

Find the mean, median, and mode of the data set. Round to the nearest tenth.

____ 9. 15, 1, 4, 4, 8, 7, 15, 4, 15, 4, 5

a. mean = 6.8, median = 5, mode = 4
b. mean = 7.5, median = 5, mode = 4
c. mean = 7.5, median = 8, mode =4
d. mean = 6.8, median = 5, mode = 8

____ 10. test scores on a math exam:
83, 96, 67, 67, 86, 65, 82, 85, 97, 73, 85, 67, 99, 98, 65, 96, 70, 92, 74, 83, 72, 76

a. mean = 74.1, median = 82.5, mode = 82
b. mean = 74.1, median = 82.5, mode = 67
c. mean = 80.8, median = 82.5, mode = 67
d. mean = 80.8, median = 82, mode = 67

____ 11. Suppose that to make the golf team you need to score no more than 74 on average over 5 games. If you scored 77, 71, 77, and 67 in your first 4 games what is the highest score you can shoot in your 5th game and still make the team?

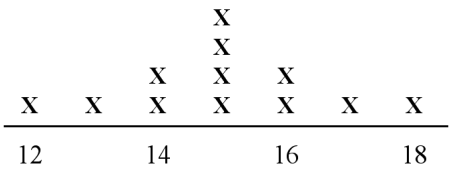
a. 76
b. 78
c. 79
d. 80

____ 12. Find x if the average of 20, 20, 19, 13, and x is 16.

a. 8
b. 9
c. 10
d. 6

____ 13. The line plot shows the number of hours that a group of students spent studying for the SAT during their first week of preparation. What are the mean, median, mode, and range of their times spent studying?

Hours Studied per Student



a. mean = 15
median = 15
mode = 15
range = 7

b. mean = 12
median = 15
mode = 12
range = 6

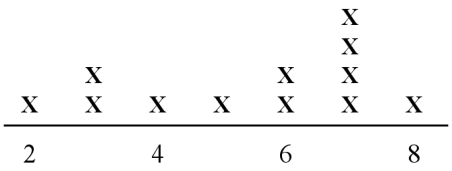
c. mean = 15
median = 15
mode = 15
range = 6

d. mean = 12
median = 15
mode = 12
range = 7

Name: _____

____ 14. The table shows the number of hours that a group of friends spent in their first week training to run a marathon. What are the mean, median, mode, and range of times? Round to the nearest tenth.

Hours Spent Training



a. mean = 5.4
median = 6
mode = 7
range = 6

b. mean = 7
median = 6
mode = 7
range =7

c. mean = 7
median = 6.5
mode = 7
range = 6

d. mean = 6.5
median = 5.4
mode = 6
range = 7

____ 15. The back-to-back stem-and-leaf plot below shows exam scores from two different math classes. What is the mode and mean for class A and the range and median for class B?

Class A		**Class B**
1 2 5 6 7 8	4	1 2
2 3 4 9	5	9
1 1 4 8	6	2 4 9
1	7	1 5 7 8 8
2 5	8	0 3 4 4 6 6 7
0	9	2 2 5

Key: 0|9|2 means 90 for Class A and 92 for Class B

a. mode class A = 1
mean class A = 59.4
range class B = 50
median class B = 77

b. mode class A = 61
mean class A = 59.4
range class B = 54
median class B = 78

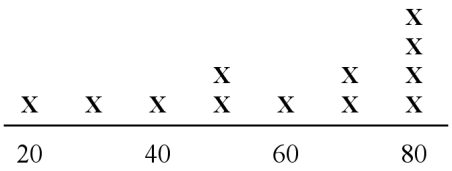
c. mode class A = 59
mean class A = 56.5
range class B = 54
median class B = 90

d. mode class A = 1
mean class A = 56.5
range class B = 52
median class B = 80

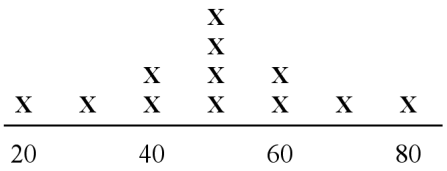
Name: _____

____ 16. The line plots below show exam scores from two different driver's education classes. Which class has a greater mean score? Which class has a greater median score?

AM Class



PM Class



a. greater mean = PM class
greater median = PM class

b. greater mean = PM class
greater median = AM class

c. greater mean = AM class
greater median = PM class

d. greater mean = AM class
greater median = AM class

____ 17. The back-to-back stem-and-leaf plot below show exam scores from two different math classes. Which class has a greater mean score? Which class has a greater median score?

Class A		**Class B**
1 5	4	2
1 6 8	5	4
5 7 7 9	6	1 6
6 6 7 8 9	7	2 5 6 6
1 2	8	0 0 4 8 9
1	9	3 5 6 7

Key: 1|9|3 means 91 for Class A and 93 for Class B

a. greater mean = class A
greater median = class A

b. greater mean = class B
greater median = class B

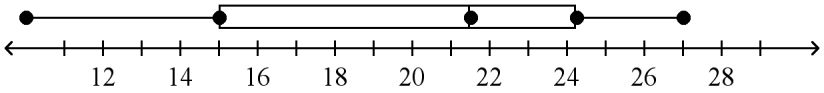
c. greater mean = class B
greater median = class A

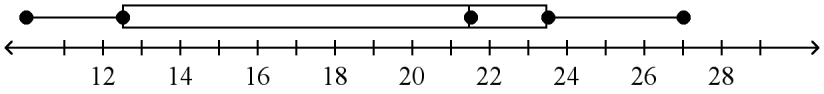
d. greater mean = class A
greater median = class B

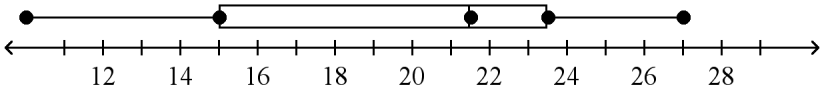
Name: _____

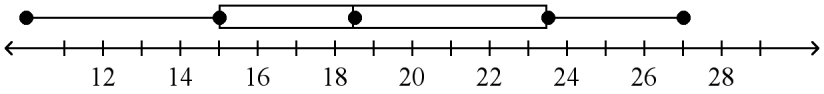
Make a box-and-whisker plot of the data.

____ 18. 21, 27, 22, 22, 25, 14, 16, 10

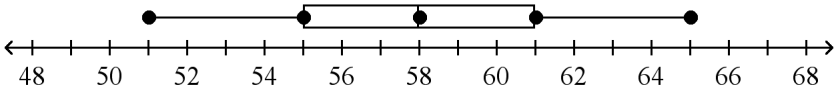
a.


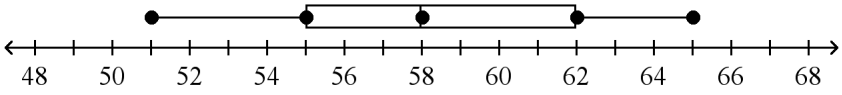
b.


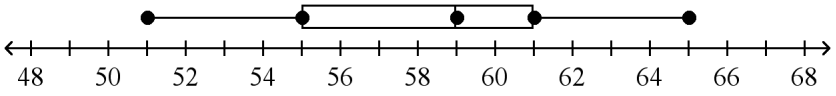
c.


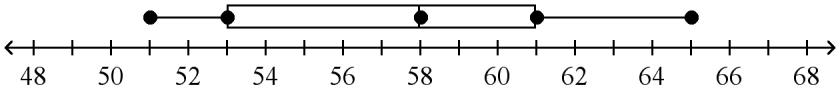
d.


____ 19. Average daily temperatures in Tucson, Arizona, in December:
64, 61, 59, 58, 56, 61, 57, 56, 58, 56, 62, 65, 51, 59, 61, 51, 59, 53, 52, 54

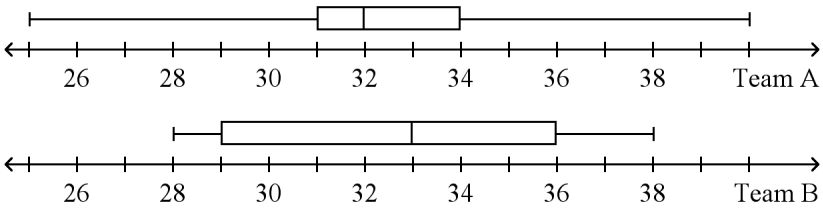
a.


b.


c.


d.


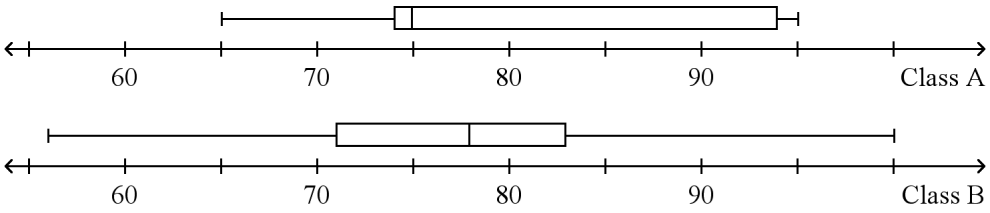
____ 20. The two box-and-whisker plots below show the times in seconds for two teams in a 100 m dash. What do the interquartile ranges tell you about the two teams?



a. Team A has more consistent times
b. Team B has more consistent times
c. Overall team A is faster than team B
d. Overall team B is faster than team A

Name: _____

____ 21. The two box-and-whisker plots below show the scores on a math exam for two classes. What do the interquartile ranges tell you about the two classes?



a. Class A has more consistent scores
b. Class B has more consistent scores
c. Overall class A performed better than class B
d. Overall class B performed better than class A

Is each data set *qualitative* or *quantitative*?

____ 22. favorite sports teams
a. qualitative b. quantitative

____ 23. the numbers of hours spent commuting to work by the employees of a company
a. qualitative b. quantitative

____ 24. A yogurt shop offers 6 different flavors of frozen yogurt and 9 different toppings. How many choices are possible for a single serving of frozen yogurt with one topping?
a. 36 b. 54 c. 81 d. 60,480

____ 25. Prestige Builders has a development of new homes. There are four different floor plans, seven exterior colors, and an option of either a two-car or a three-car garage. How many choices are there for one home?
a. 34 b. 96 c. 64 d. 56

____ 26. In how many ways can 11 basketball players be listed in a program?
a. 39,916,800 c. 1
b. 55,440 d. 11

____ 27. How many different arrangements can be made with the letters in the word POWER?
a. 120 b. 20 c. 25 d. 100

____ 28. While attending a film festival you decide that there are 13 movies that you are interested in seeing. However, you only have time to see 7 movies. In how many different ways can you watch 7 of the 13 movies?
a. 8,648,640 c. 665,280
b. 13 d. 4,324,320

____ 29. A mathematics journal has accepted 14 articles for publication. However, due to budgetary restraints only 9 articles can be published this month. How many ways can the journal editor assemble 9 of the 14 articles for publication?
a. 726,485,760 c. 2,002
b. 14 d. 126

Name: _____

____ 30. A local pizzeria offers 15 toppings for their pizzas and you can choose any 3 of them for one fixed price. How many different types of pizzas can you order with 3 toppings?

a. 1
b. 2,730
c. 455
d. 217,945,728,000

____ 31. 9 students volunteer for a committee. How many different 6-person committees can be chosen?

a. 1
b. 362,880
c. 60,480
d. 84

____ 32. You roll a standard number cube. Find P(number greater than 5)

a. $\frac{2}{5}$
b. $\frac{5}{6}$
c. $\frac{1}{3}$
d. $\frac{1}{6}$

____ 33. You have the numbers 1–25 written on slips of paper. If you choose one slip at random, what is the probability that you will select a number which is divisible by 4?

a. $\frac{1}{5}$
b. $\frac{6}{25}$
c. $\frac{4}{25}$
d. $\frac{2}{3}$

____ 34. A drug trial is testing the effectiveness of two drugs. If 50 patients are given Drug A, 20 patients are given Drug B, and 100 patients are given a placebo, what is the probability that a patient will NOT be given a placebo?

a. $\frac{5}{17}$
b. $\frac{10}{17}$
c. $\frac{2}{17}$
d. $\frac{7}{17}$

____ 35. You have the numbers 1–24 written on slips of paper. If you choose one slip at random, what is the probability that you will NOT select a number which is divisible by 3?

a. $\frac{3}{8}$
b. $\frac{1}{3}$
c. $\frac{5}{8}$
d. $\frac{2}{3}$

____ 36. In a batch of 860 calculators, 9 were found to be defective. What is the probability that a calculator chosen at random will be defective? Write the probability as a percent. Round to the nearest tenth of a percent if necessary.

a. 1.4%
b. 1%
c. 74.2%
d. 99%

____ 37. In a batch of 280 water purifiers, 12 were found to be defective. What is the probability that a water purifier chosen at random will be defective? Write the probability as a percent. Round to the nearest tenth of a percent if necessary.

a. 4.3%
b. 5.6%
c. 95.7%
d. 71.8%

____ 38. A cell phone company orders 400 new phones from a manufacturer. If the probability of a phone being defective is 2.1%, predict how many of the phones are likely to be defective. Round your answer to the nearest whole number.

a. 84 phones
b. 11 phones
c. 8 phones
d. 7 phones

____ 39. Teesha is in the French club. There are 31 students in the club. The French teacher will pick two students at random to guide visiting students from France. What is the probability that Teesha will be picked as a guide? Hint: Teesha must be picked first *or* second.

a. $\frac{1}{30}$
b. $\frac{30}{31}$
c. $\frac{1}{930}$
d. $\frac{2}{31}$

Name: _____

____ 40. Suppose you choose a marble from a bag containing 4 red marbles, 2 white marbles, and 3 blue marbles. You return the first marble to the bag and then choose again. Find *P*(red and blue).

a. $\frac{4}{3}$ b. $\frac{2}{3}$ c. $\frac{7}{9}$ d. $\frac{4}{27}$

____ 41. In a word game, you choose a tile from a bag, replace it, and then choose another. If there are 24 vowels and 15 consonants, what is the probability you will choose a consonant and then a vowel?

a. $\frac{60}{13}$ b. $\frac{1}{39}$ c. $\frac{40}{169}$ d. $\frac{120}{13}$

____ 42. A basket contains 15 pieces of fruit: 7 apples, 5 oranges, and 3 bananas. Jonas takes a piece of fruit at random from the basket, and then Beth takes a piece at random. What is the probability that Jonas will get an orange and Beth will get an apple?

a. $\frac{6}{7}$ b. $\frac{7}{45}$ c. $\frac{1}{6}$ d. $\frac{4}{5}$

____ 43. Thomas, Jenna, and Maria are playing a game. They have a bag that contains 44 white tiles and 2 red tiles. Each player takes turns picking a tile at random and does not return the tiles to the bag. The player who draws a red tile first is the winner. In the first round, Thomas goes first, then Jenna, and then Maria, and none of them draws a red tile. What is the probability that Thomas will win the game on his second turn?

a. $\frac{2}{45}$ b. $\frac{1}{23}$ c. $\frac{2}{43}$ d. $\frac{1}{21}$

____ 44. Your English teacher has decided to randomly assign poems for the class to read. The syllabus includes 2 poems by Shakespeare, 5 poems by Coleridge, 4 poems by Tennyson, and 3 poems by Lord Byron. What is the probability that you will be assigned a poem by Coleridge and then a poem by Lord Byron?

a. $\frac{1}{2}$ c. $\frac{15}{182}$

b. $\frac{9}{14}$ d. $\frac{5}{14}$

____ 45. The names of 9 boys and 2 girls are in a hat. What is the probability of first drawing a girl's name and then a boy's name from the hat?

a. $\frac{1}{18}$ c. $\frac{1}{9}$

b. $\frac{1}{11}$ d. $\frac{9}{55}$

What is the solution of the equation?

____ 46. $-9 = \frac{5}{17}n$

a. $-\frac{153}{5}$ c. $-\frac{17}{45}$

b. $-\frac{5}{153}$ d. $-\frac{45}{17}$

Name: _____

____ 47. Manny and Emma are both competing in a long jump competition at their school. Manny can jump four fifths of the distance that Emma can jump. Manny can jump 40 inches. How far can Emma jump?

a. 40.8 inches
c. 32 inches
b. 50 inches
d. 39.2 inches

____ 48. Steven wants to buy a $565 bicycle. Steven has no money saved, but will be able to deposit $30 into a savings account when he receives his paycheck each Friday. However, before Steven can buy the bike, he must give his sister $65 that he owes her. For how many weeks will Steven need to deposit money into his savings account before he can pay back his sister and buy the bike?

a. 25 weeks b. 19 weeks c. 22 weeks d. 21 weeks

____ 49. Aimi is making Valentine's Day cards for everyone in her class. She plans to use a whole sheet of paper for each of her 6 closest friends. She will use $\frac{1}{8}$ of a sheet of paper for everyone else in the class. She has 34 sheets of paper. How many of the smaller cards can she make?

a. 3 cards b. 4 cards c. 272 cards d. 224 cards

What is the solution of the equation?

____ 50. $16 = \frac{-5 + z}{4}$

a. 69 b. –1 c. 9 d. 59

____ 51. $\frac{b + 6}{5} = 10$

a. 44 b. –4 c. 56 d. 8

____ 52. John and 2 friends are going out for pizza for lunch. They split one pizza and 3 large drinks. The pizza cost $12.00. They spend a total of $16.95. Find the cost of one large drink.

a. $14.48 b. $1.65 c. $1.70 d. $2.48

What is the solution of the equation?

____ 53. $3(y - 5) + 2 = 5$

a. 4 b. 7 c. –4 d. 6

____ 54. $70 = -7(-2 - 2z)$

a. 4 b. –28 c. –112 d. 784

____ 55. $\frac{3p}{5} + \frac{8}{5} = 1$

a. 15 b. 2 c. –10 d. –1

____ 56. $\frac{4p}{6} + 27 = 39$

a. 22 b. 99 c. 4 d. 18

Name: _____

What is the solution of the equation?

____ 57. $6x - 3 = 5x - 5$

a. -4 b. -2 c. 0 d. -1

____ 58. A camera manufacturer spends $2250 each day for overhead expenses plus $6 per camera for labor and materials. The cameras sell for $16 each. How many cameras must the company sell in one day to equal its daily costs? If the manufacturer can increase production by 50 cameras per day, what would their daily profit be?

a. The company must sell 141 cameras to equal its daily costs; $340
b. The company must sell 225 cameras to equal its daily costs; $800
c. The company must sell 165 cameras to equal its daily costs; $100
d. The company must sell 225 cameras to equal its daily costs; $500

What is the solution of the equation?

____ 59. $3p - 1 = 5(p - 1) - 2(7 - 2p)$

a. 3 b. 0 c. -9 d. -10

____ 60. $5(10x - 10) = -5(-4x + 4)$

a. 1 b. -1 c. 0 d. 2

____ 61. $-6p + 7 = 3(2p - 3) - 4(-10 + 4p)$

a. $p = 6$ b. $p = 5$ c. $p = 7$ d. $p = 12$

____ 62. Which equation has no solution?

a. $8 - (5v + 3) = 5v - 5$

b. $3m - 6 = 5m + 7 - m$

c. $3w + 4 - w = 5w - 2(w - 2)$

d. $7y + 9 = 7y - 6$

What is the solution of each equation?

____ 63. $2(h - 8) - h = h - 16$

a. 8
b. -8
c. infinitely many solutions
d. no solution

____ 64. What equation do you get when you solve $z - m = z + bx$ for x?

a. $x = -\dfrac{2z + m}{b}$

b. $x = -\dfrac{b}{m}$

c. $x = -\dfrac{m}{b}$

d. $x = \dfrac{2z - m}{b}$

What is the solution of the proportion?

____ 65. $\dfrac{10}{8} = \dfrac{25}{x}$

a. 200 b. 20 c. 31.3 d. 3.2

Name: _____

____ 66. $\frac{13}{y} = \frac{3}{8}$

a. 1.8 b. 4.9 c. 34.7 d. 104

What is the solution of the proportion?

____ 67. $\frac{x-8}{5} = \frac{2}{4}$

a. $\frac{9}{2}$ b. $\frac{5}{2}$ c. $\frac{21}{2}$ d. 18

____ 68. $\frac{w+14}{4w+6} = \frac{3}{4}$

a. $\frac{8}{19}$ b. $\frac{15}{28}$ c. $\frac{19}{4}$ d. $\frac{2}{7}$

____ 69. What percent of 88 is 72.6?

a. 8.25% c. 165%
b. 82.5% d. 825%

____ 70. A dress that normally costs $69.50 is on sale for 45% off. What is the sale price of the dress?

a. $38.23 c. $24.50
b. $31.28 d. $1.54

____ 71. What is the total cost of a $56.53 meal at a restaurant after including a 17% tip?

a. $3.33 c. $66.14
b. $9.61 d. $39.53

____ 72. 145% of what number is 870?

a. 60 c. 6
b. 6000 d. 600

____ 73. The circulation of a newsletter decreased from 5200 to 3140. Find the percent of decrease in circulation to the nearest percent.

a. 66% b. 40% c. 166% d. 6%

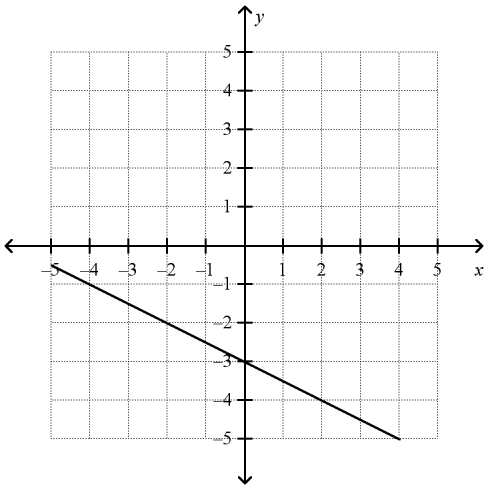
____ 74. Sarah is currently making $33,000 a year at her job and has been offered a raise to $37,950 per year. What would be the percent increase in her salary?

a. 17% b. 11% c. 15% d. 9%

Name: _____

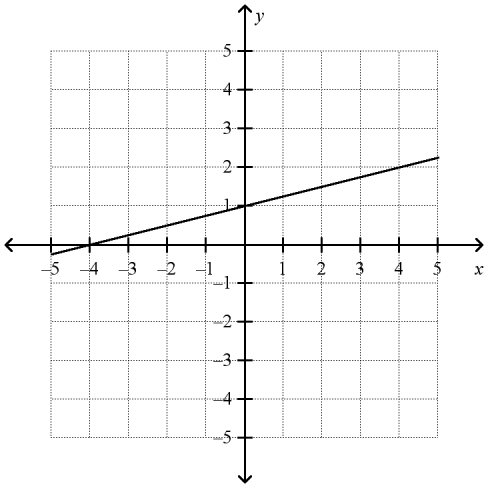
Find the slope of the line.

____ 75.



a. $\frac{1}{2}$ b. $-\frac{1}{2}$ c. -2 d. 2

____ 76.



a. -4 b. $-\frac{1}{4}$ c. $\frac{1}{4}$ d. 4

What is the slope of the line that passes through the pair of points?

____ 77. (1, 7), (10, 1)

a. $\frac{3}{2}$ b. $-\frac{2}{3}$ c. $-\frac{3}{2}$ d. $\frac{2}{3}$

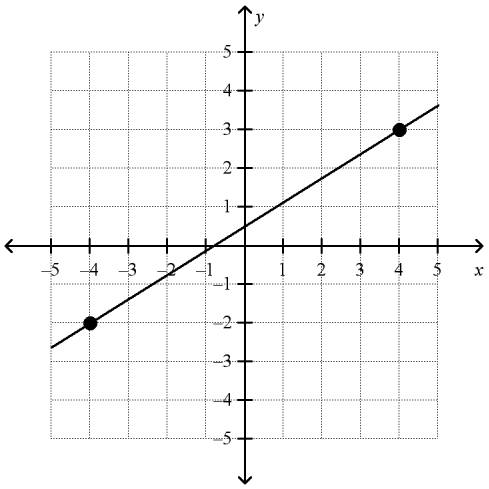
____ 78. $(-\frac{5}{3}, -1)$, $(-2, \frac{9}{2})$

a. $\frac{2}{33}$ b. $-\frac{2}{33}$ c. $-\frac{33}{2}$ d. $\frac{33}{2}$

Name: _____

Write the slope-intercept form of the equation for the line.

____ 79.



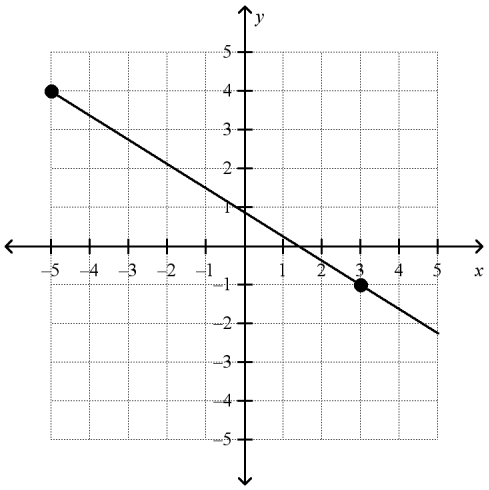
a. $y = -\frac{5}{8}x + \frac{1}{2}$

b. $y = \frac{8}{5}x - \frac{1}{2}$

c. $y = \frac{5}{8}x + \frac{1}{2}$

d. $y = \frac{8}{5}x + \frac{1}{2}$

____ 80.



a. $y = -\frac{5}{8}x + \frac{7}{8}$

b. $y = \frac{5}{8}x + \frac{7}{8}$

c. $y = \frac{7}{8}x + \frac{5}{8}$

d. $y = -\frac{8}{5}x + \frac{7}{8}$

What equation in slope intercept form represents the line that passes through the two points?

____ 81. (2, 5), (9, 2)

a. $y = \frac{3}{7}x - \frac{41}{7}$

b. $y = -\frac{7}{3}x - \frac{41}{7}$

c. $y = \frac{7}{3}x + \frac{41}{7}$

d. $y = -\frac{3}{7}x + \frac{41}{7}$

Name: _____

____ 82. $(-\frac{3}{4}, -\frac{10}{3}), (-\frac{2}{3}, -\frac{1}{3})$

a. $y = 36x + \frac{71}{3}$

b. $y = 36x - \frac{71}{3}$

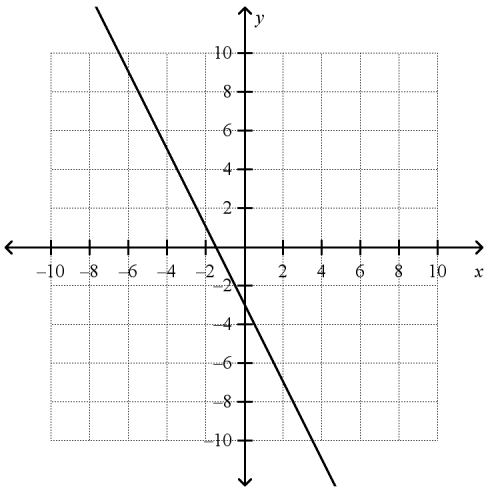
c. $y = \frac{1}{36}x - \frac{1}{36}$

d. $y = \frac{1}{36}x + \frac{1}{36}$

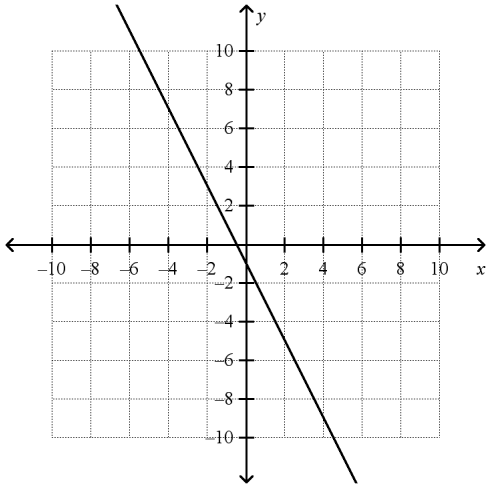
Graph the equation.

____ 83. $y = -2x - 3$

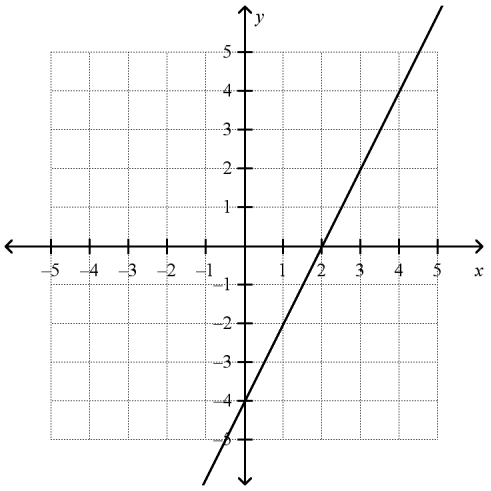
a.



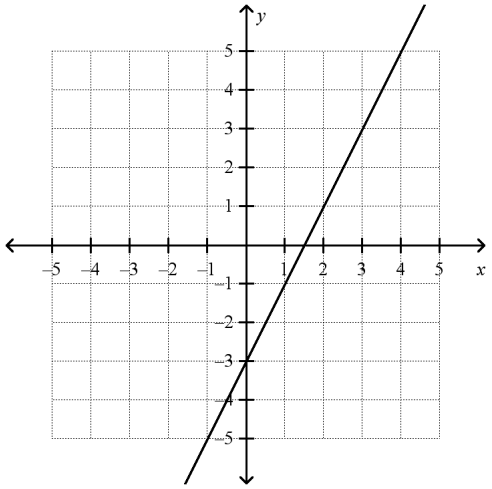
c.



b.



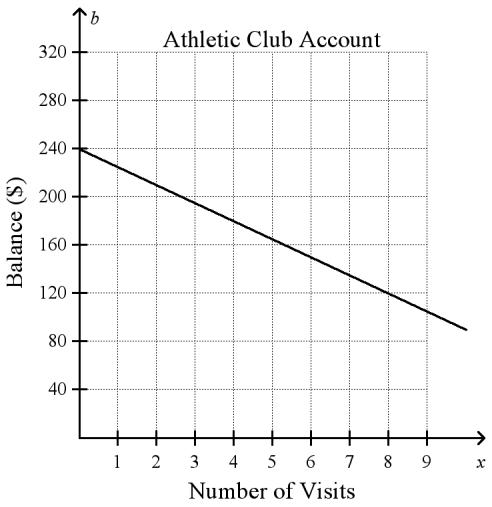
d.



Name: _____

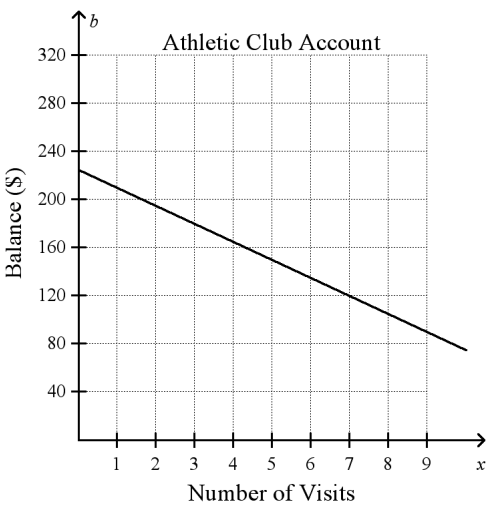
____ 84. Giselle pays $240 in advance on her account at the athletic club. Each time she uses the club, $15 is deducted from the account. Model the situation with a linear function and a graph.

a.



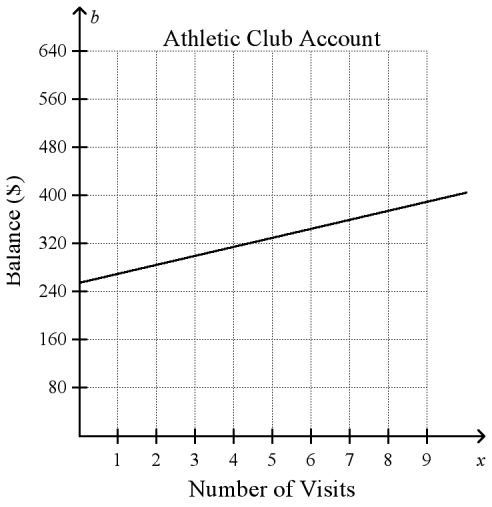
$b = 240 - 15x$

c.



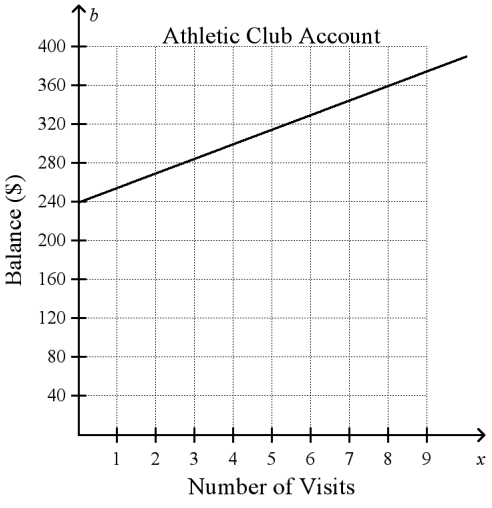
$b = 225 - 15x$

b.



$b = 225 + 15x$

d.



$b = 240 + 15x$

Write an equation in point-slope form for the line through the given point with the given slope.

____ 85. $(-10, -6)$; $m = -\frac{5}{8}$

a. $y - 6 = -\frac{5}{8}(x - 10)$

b. $y - 6 = -\frac{5}{8}(x + 10)$

c. $y + 6 = -\frac{5}{8}(x + 10)$

d. $y + 10 = -\frac{5}{8}(x + 6)$

Name: _____

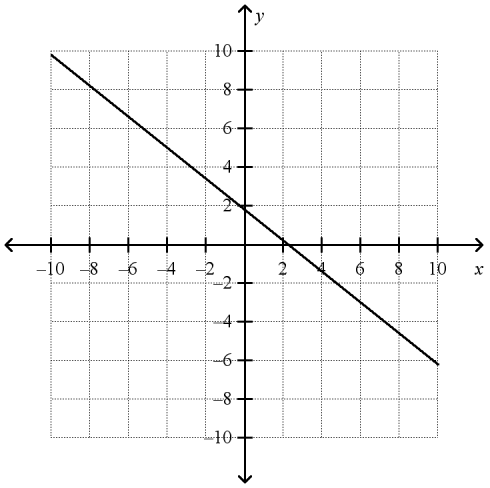
____ 86. $(3, -10)$; $m = -0.83$

a. $y - 10 = -0.83(x + 3)$
b. $y - 10 = -0.83(x - 3)$
c. $y - 3 = -0.83(x + 10)$
d. $y + 10 = -0.83(x - 3)$

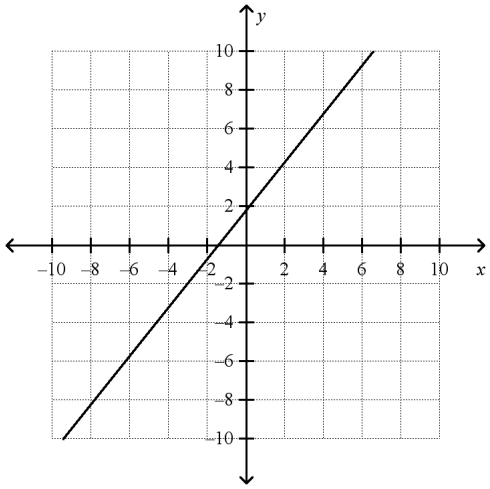
Graph the equation.

____ 87. $y - 1 = \frac{4}{5}(x + 1)$

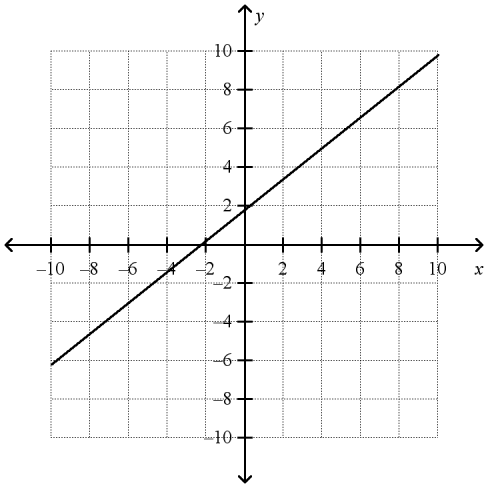
a.



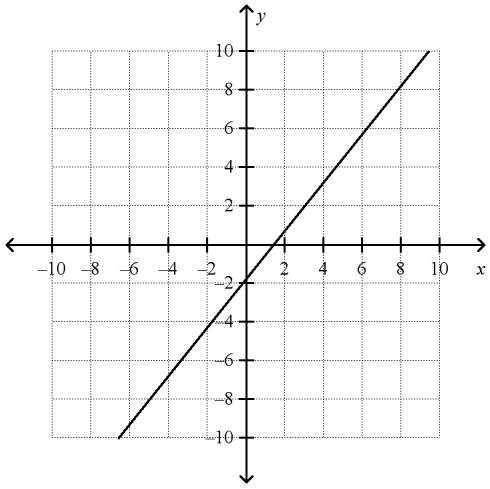
c.



b.



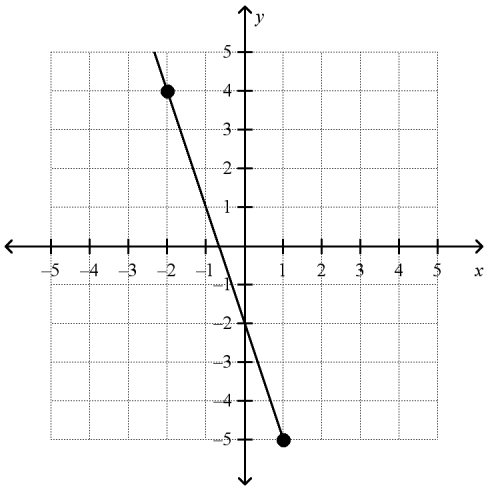
d.



Name: _____

What is an equation of the line?

____ 88.



a. $y - 4 = -3(x + 2)$

b. $y - 4 = -\frac{1}{3}(x + 2)$

c. $y - 2 = -2(x + 4)$

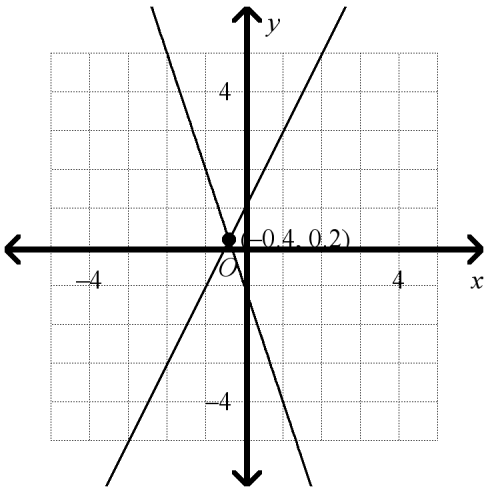
d. $y - 5 = 3(x + 2)$

Name: _____

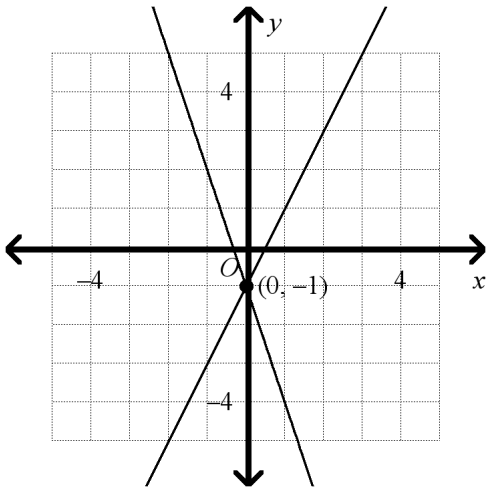
What is the solution of the system? Use a graph.

____ 89. $y = 2x + 1$
$y = -3x - 1$

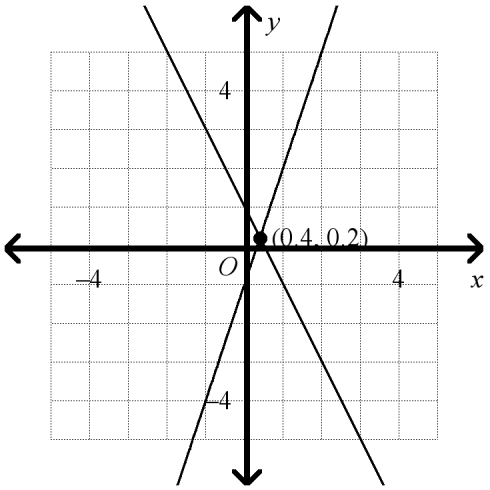
a.



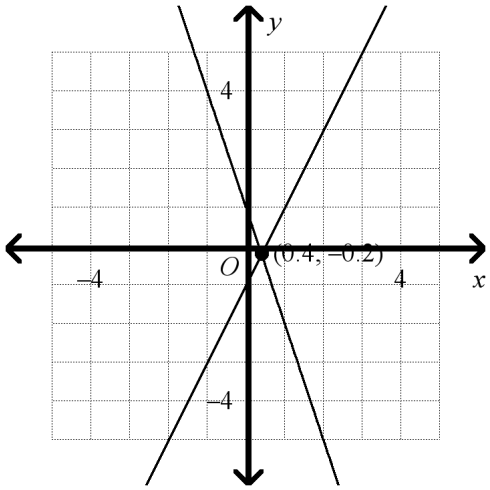
c.



b.



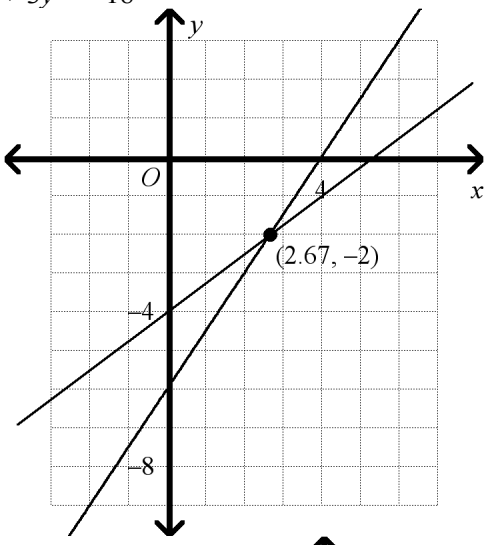
d.



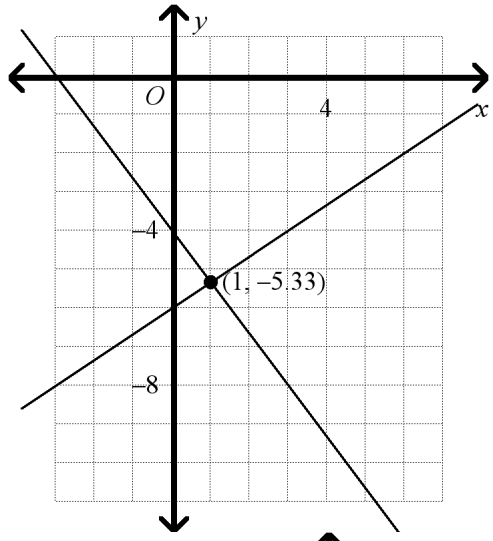
Name: _____

____ 90. $-4x + 3y = -12$
$-2x + 3y = -18$

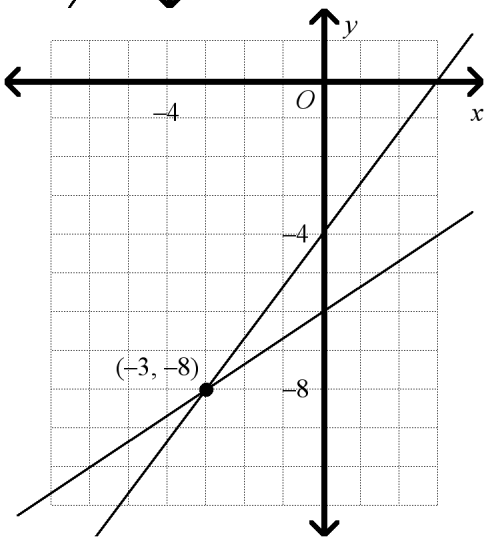
a.



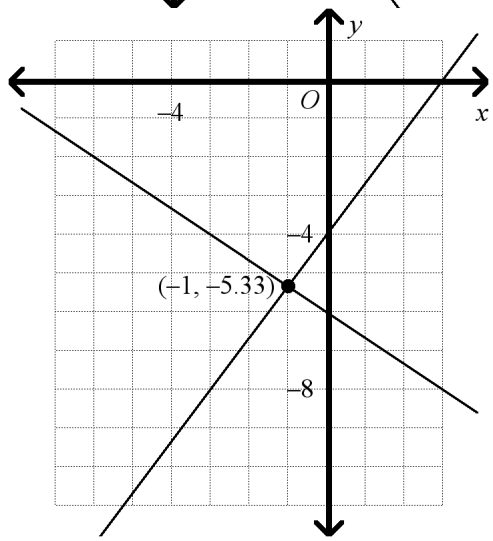
c.



b.



d.



____ 91. Kendra owns a restaurant. She charges $3.00 for 2 eggs and one piece of toast, and $1.80 for one egg and one piece of toast. How much does Kendra charge for an egg? A piece of toast?

a. $1.20 per egg; $.60 for toast
b. $.60 per egg; $1.20 for toast
c. $.60 per egg; $.60 for toast
d. $1.20 per egg; $1.20 for toast

What is the solution of the system? Use substitution.

____ 92. $x - y = -6$
$6x - 3y = -9$

a. (1, 7)
b. (3, 9)
c. $\left(-6, \frac{3}{2}\right)$
d. (4, –11)

Name: _____

____ 93. A corner store sells two kinds of baked goods: cakes and pies. A cake costs $5 and a pie costs $7. In one day, the store sold 15 baked goods for a total of $91. How many cakes did they sell?

a. 7 cakes
c. 8 cakes
b. 4 cakes
d. 5 cakes

____ 94. Sharon has some one-dollar bills and some five-dollar bills. She has 14 bills. The value of the bills is $30. Solve a system of equations using elimination to find how many of each kind of bill she has.

a. 4 five-dollar bills, 10 one-dollar bills
c. 5 five-dollar bills, 5 one-dollar bills
b. 3 five-dollar bills, 15 one-dollar bills
d. 5 five-dollar bills, 9 one-dollar bills

What is the solution of the system? Use elimination.

____ 95. $5x + 8y = -29$
$7x - 2y = -67$

a. $(-7, 9)$
b. $\left(-10, \frac{21}{8}\right)$
c. $(-1, -3)$
d. $(-9, 2)$