Name_____ ID: 1

CHP 7 & 8   FINAL TEST PREP

Date_____ Period____

Write each as a percent. Round to the nearest tenth of a percent.

1) 0.71

2) 0.027

3) $\dfrac{12}{25}$

4) $\dfrac{12}{10}$

Write each as a fraction in lowest terms.

5)   44%

6) 8.2%

Find the selling price of each item.

7) A sweater went on sale being discounted by 40%. If the sweater is usually $120, how much is the new discounted price?

8) I want to leave a 15% tip for the waiter who served me dinner. The food and drinks cost $80. How much should I leave for a tip? What will the total cost be?

Solve each problem. Round answers to tenths.
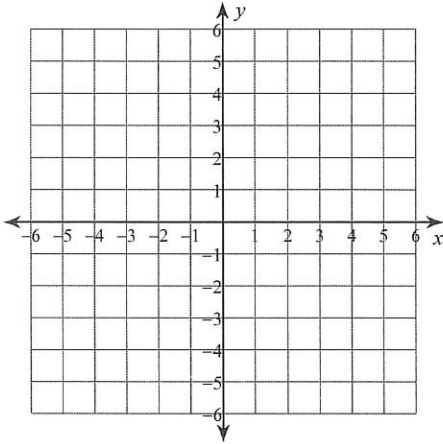
9) What is 3% of 112?

10) What percent of 40 is 12?

11) A pet store has a ratio of 3 birds to 4 fish. If the pet store has 52 fish how many birds should also be there?

State the coordinates the letters are on.

12) x-intercept $= -5$, y-intercept $= 2$

State which quadrant the coordinate is in.

13) A) $(-3, -6)$ B) $(9, -14)$

   C) $(-1, 12)$ D) $(3, 10)$

State which of the ordered pairs is a solution to the equation.

14) $y = 3x - 4$

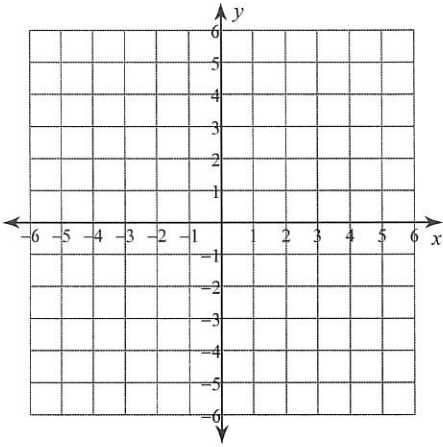   A) $(0, -4)$ B) $(2, -2)$ C) $(-1, -7)$

State the slope and y-intercept of each equation.
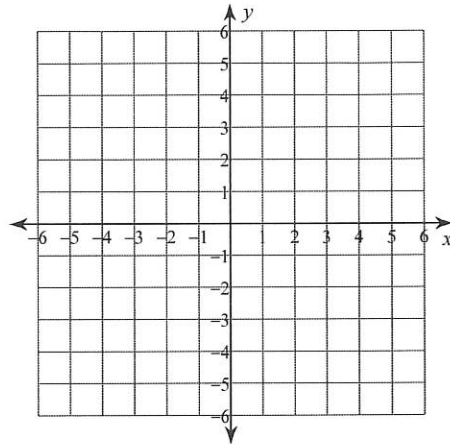
15) $y = -5x - 2$ 16) $y = \dfrac{2}{3}x - 4$

1st- Sketch the graph of each line. Making a t-chart is very helpful. 2nd STATE the slope of each line.
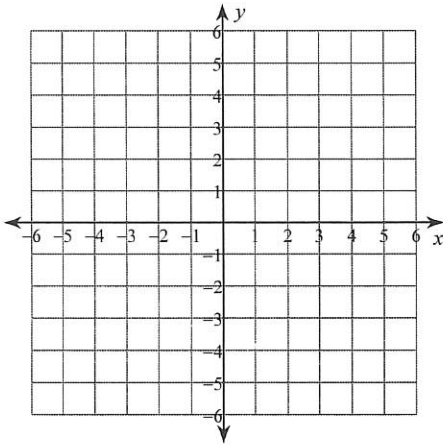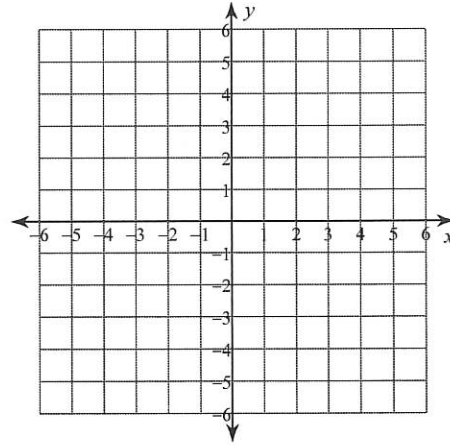
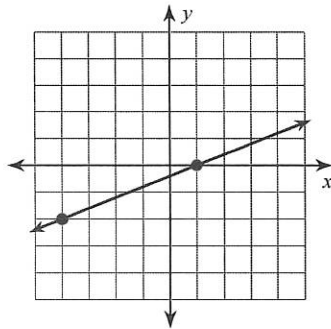17) $y = \dfrac{1}{4}x$

18) $y = 5$
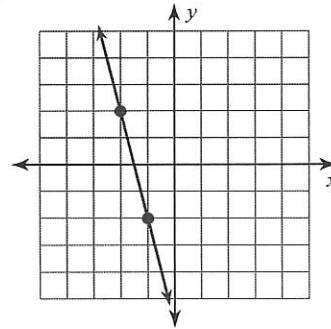
19) $x = 3$

20) $y = -2x + 5$

State the slope of each line. rise/run

21)

22)

Solve the system by graphing each line. Where do the lines intersect? That is the solution.

23) $y = x - 3$
     $y = -x - 1$