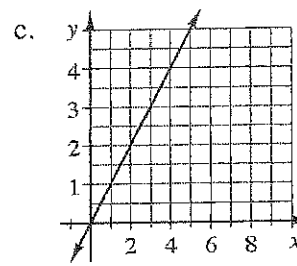
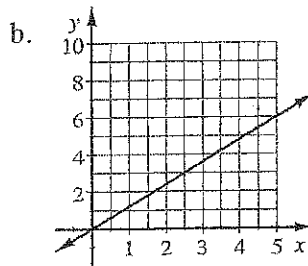
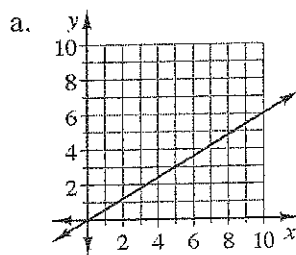




7-61. Graph the points in the table at right and draw a line. Then, find three different ratios to describe the slope of this line.

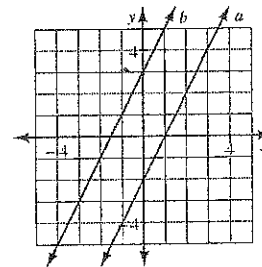
x	y
0	1
2	6
5	13.5
-2	-4
-4	-9

7-62. Find the slope of each line below.



7-65. When Yoshi graphed the lines  $y=2x+3$  and  $y=2x-2$ , she got the graph shown at right.

- One of the lines at right matches the equation  $y=2x+3$ , and the other matches  $y=2x-2$ . Which line matches which equation?
- Yoshi wants to add the line  $y=2x+1$  to her graph. Predict where it would lie and sketch a graph to show its position. Justify your prediction.
- Where would the line  $y=-2x+1$  lie? Again, justify your prediction and add the graph of this line to your graph.



7-66. Solve each of the following equations. Be sure to show your work and check your answers.

- $2(3x-4)=22$
- $6(2x-5)=-(x+4)$
- $2-(y+2)=3y$
- $3+4(x+1)=159$