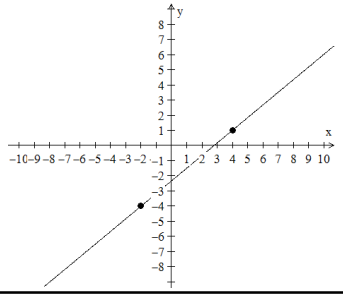
Slope

1. Find the slope of the line whose graph is given
(similar to p.208 #16)



2. (a) Plot the points in a rectangular coordinate system, (b) draw a line through the points, (c) and find and interpret the slope of the line
(similar to p.209 #20)

$(3,5)$ *and* $(-5,-7)$

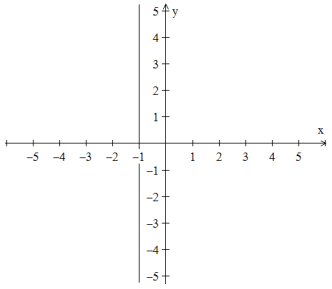
3. Find and interpret the slope of the line containing the given points
(similar to p.209 #28)

$(-2,-4)$ *and* $(6,10)$

4. Find and interpret the slope of the line containing the given points
(similar to p.209 #36)

$\left(\frac{1}{2},\frac{-1}{3}\right)$ *and* $\left(\frac{5}{2},\frac{-2}{3}\right)$

5. Find the slope of the line whose graph is given
(similar to p.209 #40)



6. Find and interpret the slope of the line containing the given points (similar to p.209 #42)

$$(-4,2) \quad and \quad (-4,5)$$

7. Draw a graph of the line that contains the given point and has the given slope (similar to p.209 #48)

$$(-2,4); m = 2$$

8. Draw a graph of the line that contains the given point and has the given slope (similar to p.209 #54)

$$(1,-2); m = \frac{4}{3}$$