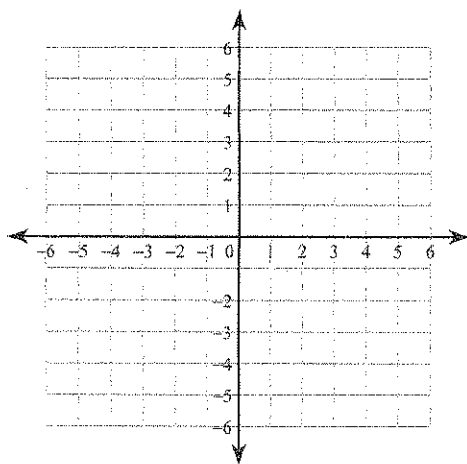


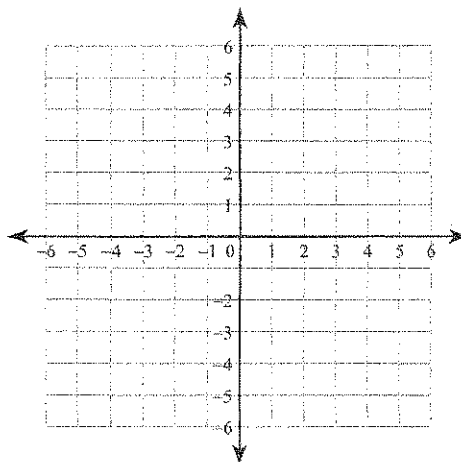
Graphing Lines Day 1

Sketch the graph of each line.

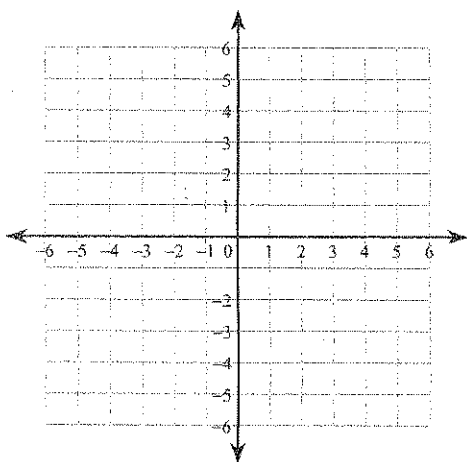
1) $y = -\frac{7}{3}x + 4$



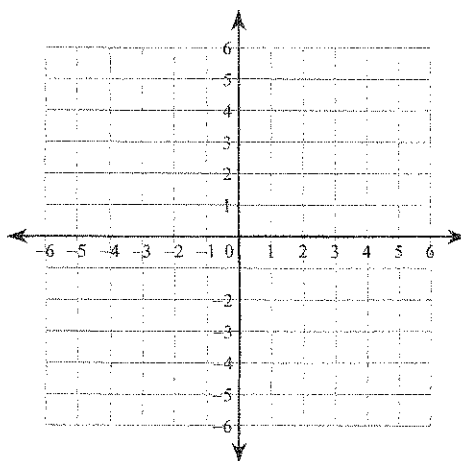
2) $y = 2x + 4$



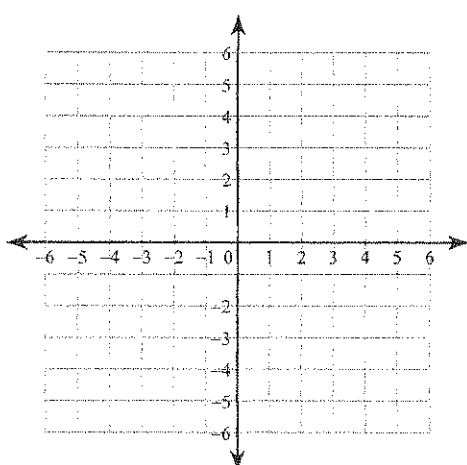
3) $y = -2x + 5$



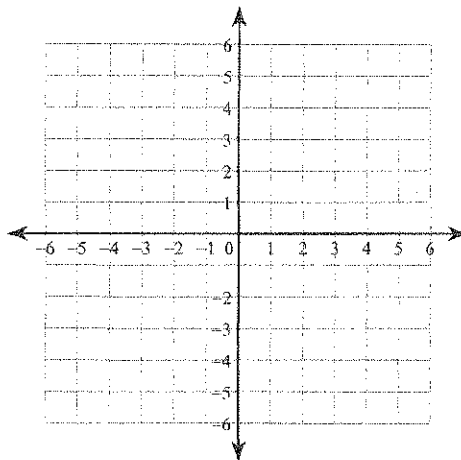
4) $y = -\frac{1}{2}x - 2$



5) $y = \frac{5}{2}x + 2$



6) $y = -5x + 5$



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

7) $13x - 2y = 10$

8) $7x - 6y = 0$

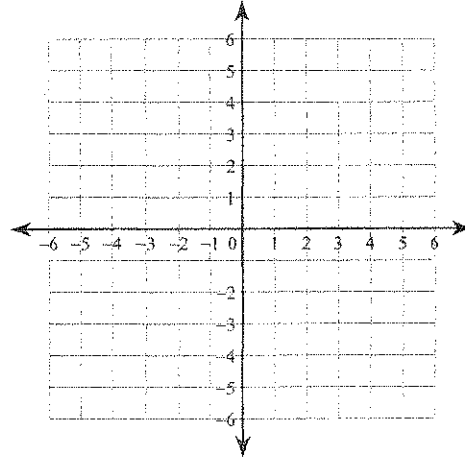
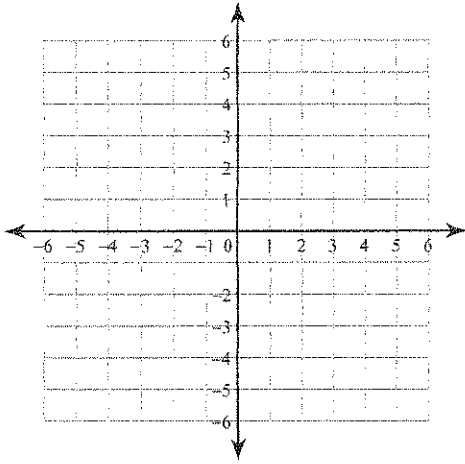
9) $10x - 7y = 14$

10) $7x + 2y = 10$

Find the x and y intercepts and sketch the graph of each line.

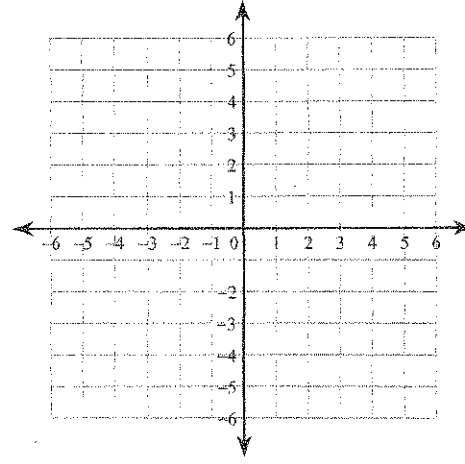
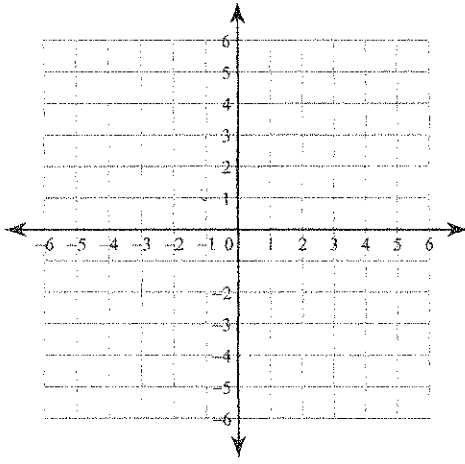
11) $x + y = 5$

12) $x + 2y = 6$



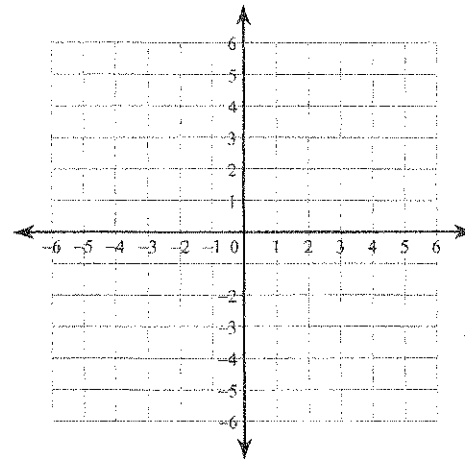
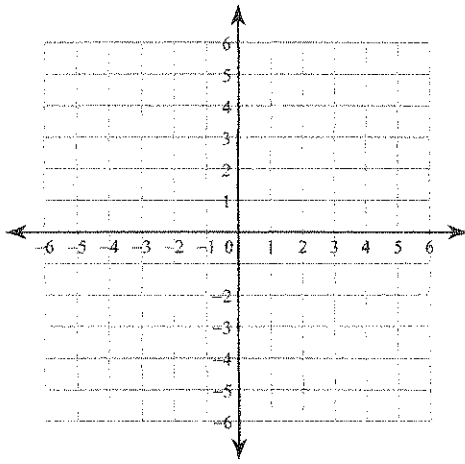
13) $4x + y = -4$

14) $3x - 2y = 6$



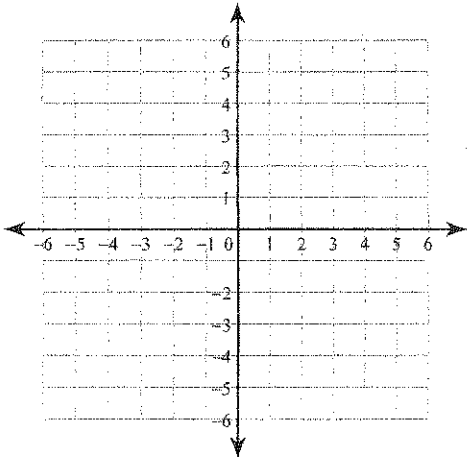
15) $2x + y = -4$

16) $x - y = -2$

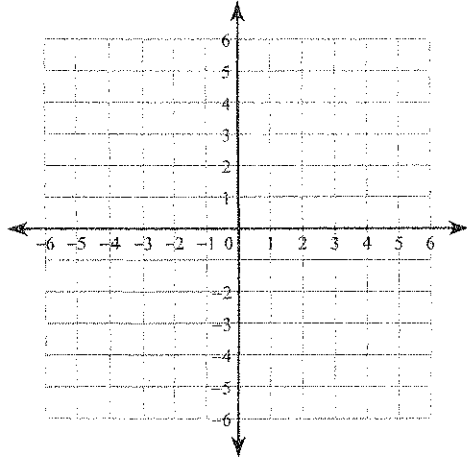


Sketch the graph of each line.

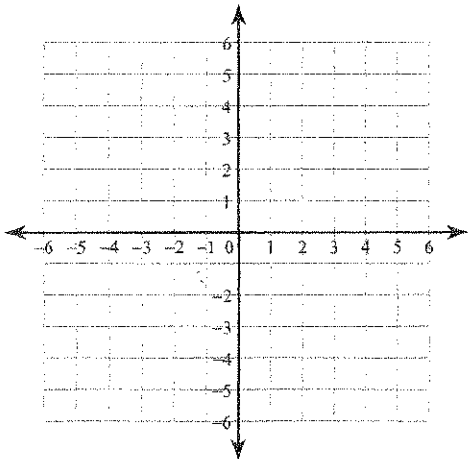
17) $y = -\frac{1}{2}x - 2$



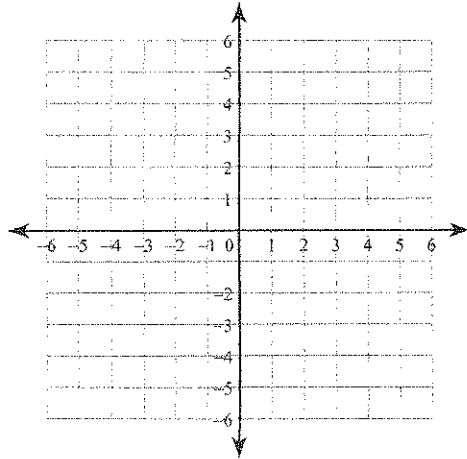
18) $y = \frac{3}{2}x - 5$



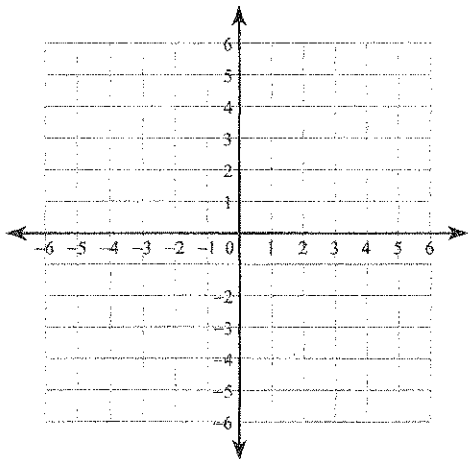
19) $y = -\frac{4}{3}x - 1$



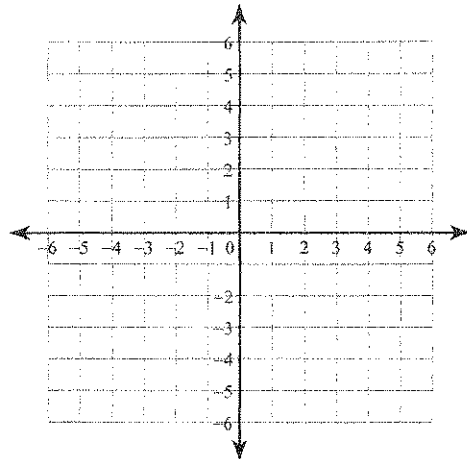
20) $y = x - 1$



21) $y = \frac{2}{3}x + 3$

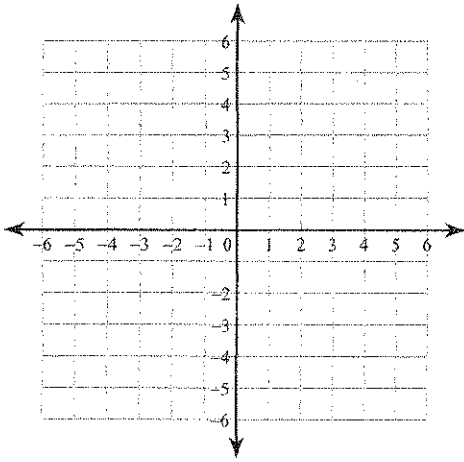


22) $y = -\frac{2}{5}x + 4$

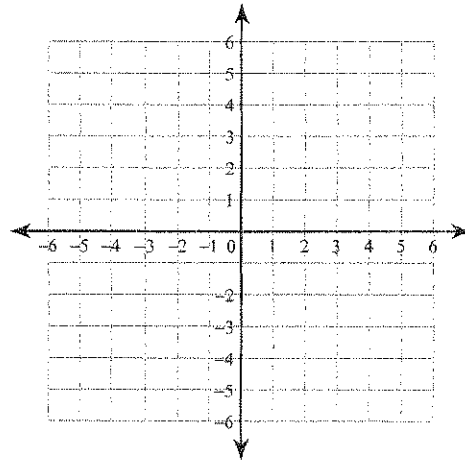


Find the x and y intercepts and sketch the graph of each line.

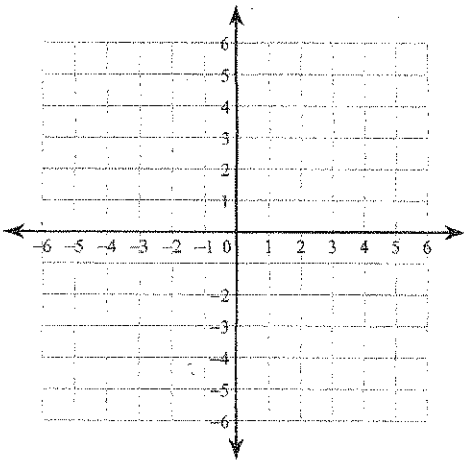
23) $x + y = -1$



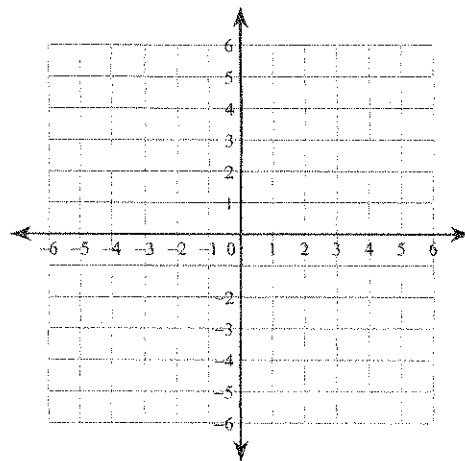
24) $x - y = -2$



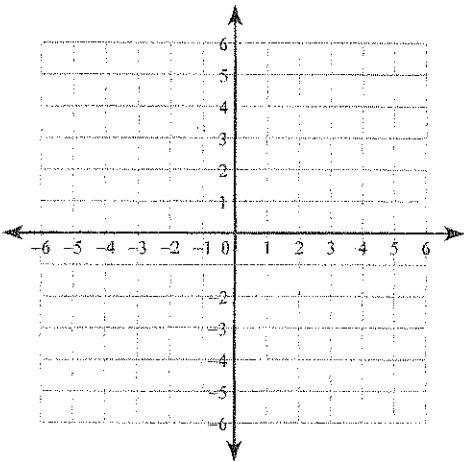
25) $x - 2y = 2$



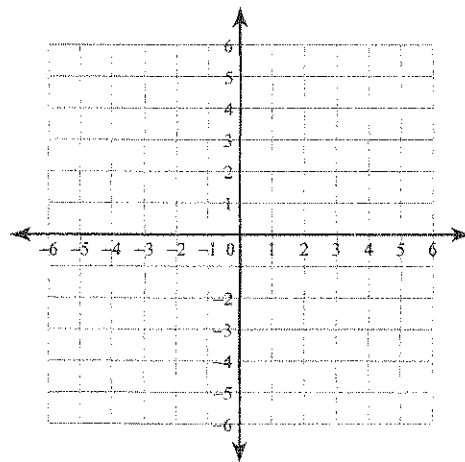
26) $x + 3y = -3$



27) $2x + 3y = -12$



28) $x + y = -3$



Find the slope of the line through each pair of points.

29) $(3, -2), (15, 13)$

30) $(-14, 6), (-12, 10)$

31) $(-10, 18), (6, -13)$

32) $(15, -15), (20, -7)$