

Assignment 2

Date _____ Period _____

Solve each equation.

1) $n - 1 = -1$

2) $10 = \frac{r}{16}$

3) $-8m - 5m = 13$

4) $2m + 2m = -4$

5) $-5(-3 + 2k) = 85$

6) $5x + 4(1 - 8x) = -131$

7) $4(8 - 7x) = 256$

8) $-6(-5b - 7) = 192$

9) $3n + 1 = 15 + 5n$

10) $5 - 6x + 5 = x - 8 - 8x + 16$

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

11) $(10, 12), (-12, 14)$

12) $(9, 9), (3, 4)$

13) $(15, -10), (-16, -2)$

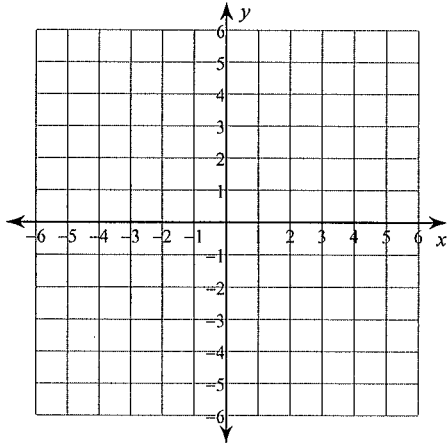
14) $(6, -7), (20, 10)$

15) $(5, 7), (-4, 8)$

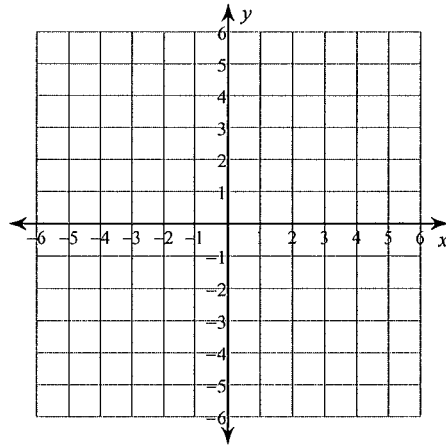
16) $(6, 10), (13, 1)$

Sketch the graph of each line by x and y intercepts.

17) $x + 4y = -4$

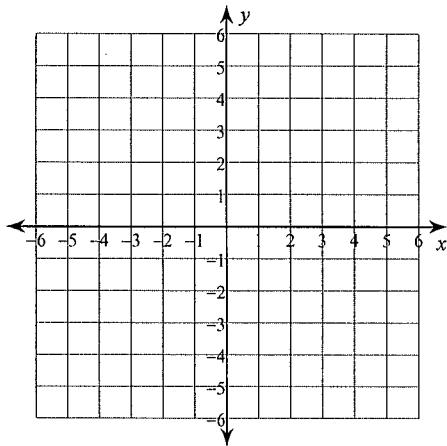


18) $8x - 5y = 15$

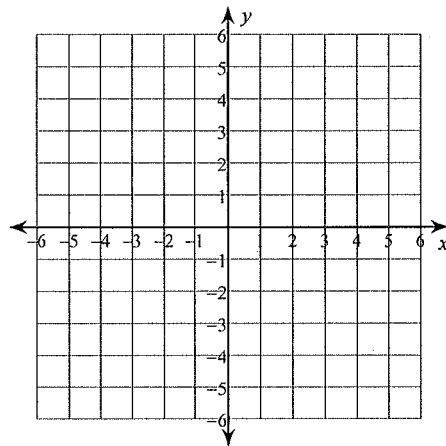


Sketch the graph of each line by finding 3 points.

19) $3x + y = 4$

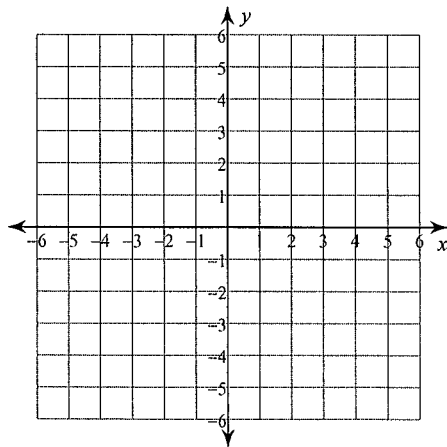


20) $x + 2y = 6$



Sketch the graph of each line by slope intercept form.

21) $7x + 2y = 6$



22) $3x - 2y = 4$

