

Summer Packet

Date _____ Period _____

Solve.

1) $-7n + 1 = -125$

2) $4k + 4 = 76$

3) $-14 = \frac{m}{5} - 10$

4) $-44 = -4 - 2n$

5) $-(x + 5) - 2 = -2x - 12$

6) $2(1 + 6a) = 5a - 19$

7) $-8(1 + 6k) = 4k - 8$

8) $7b + 40 = 4(-b - 1)$

9) $\frac{x - 7}{2} = \frac{2}{9}$

10) $\frac{7}{4} = \frac{r + 10}{6}$

$$11) \frac{7}{8} = \frac{n+10}{6}$$

$$12) \frac{3}{4} = \frac{5}{n-1}$$

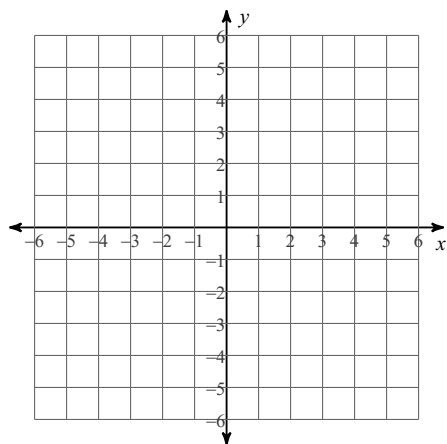
Find the slope of the line through each pair of points.

$$13) (-1, 14), (-10, -16)$$

$$14) (6, 4), (-20, 9)$$

Sketch the graph of each line.

$$15) y = \frac{2}{5}x + 2$$



$$16) y = 8x + 5$$

