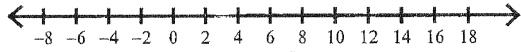


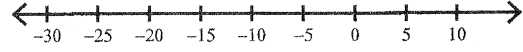
**Absolute Value Inequalities Day 2**

**Solve each inequality and graph its solution.**

1)  $|m - 6| \geq 10$

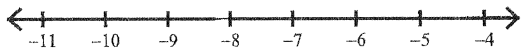


2)  $|p + 9| \geq 18$

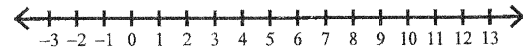


**Solve each compound inequality and graph its solution.**

3)  $-3 + k > -11$  and  $k + 9 \leq 3$



4)  $a - 9 \geq 1$  or  $\frac{a}{8} \leq 0$

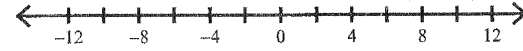


**Solve each inequality and graph its solution.**

5)  $|6x| < 48$



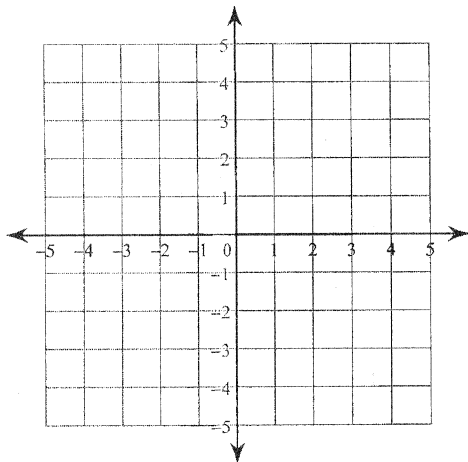
6)  $|-9n| > 81$



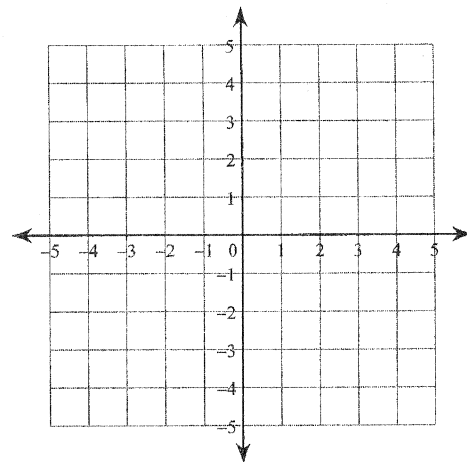
**Graph the lines**

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

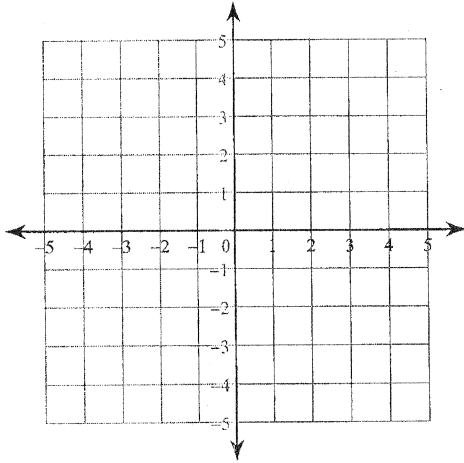
$y = -\frac{1}{4}x + 2$



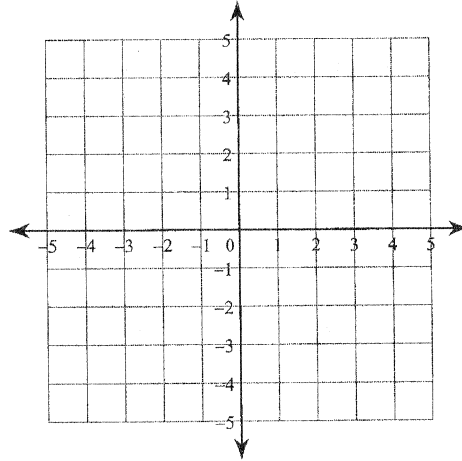
8)  $y = -x + 2$   
 $y = 2x - 1$



9)  $x - 4y = -12$   
 $3x + 4y = -4$

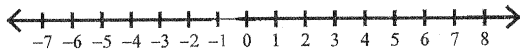


10)  $x - 2y = 4$   
 $3x - y = -3$

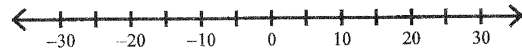


**Solve each inequality and graph its solution.**

11)  $|5m| \leq 25$

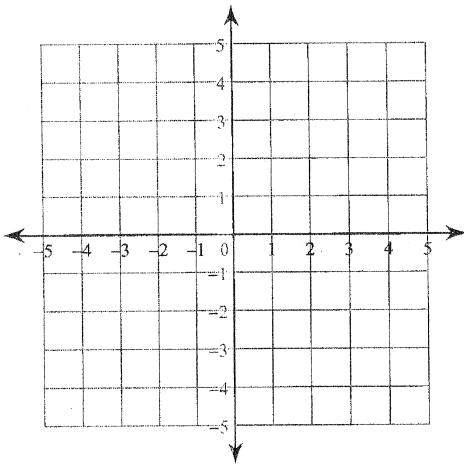


12)  $\left| \frac{r}{10} \right| < 3$

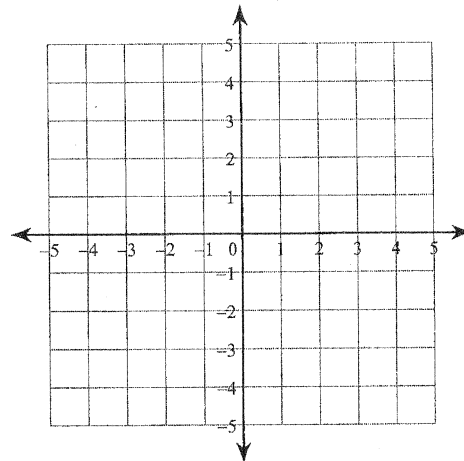


**Graph the lines**

13)  $y = x - 3$   
 $y = 7x + 3$

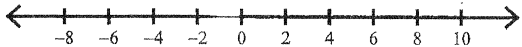


14)  $y = \frac{3}{2}x - 4$   
 $y = -2x + 3$

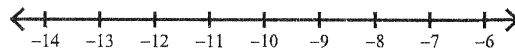


Solve each inequality and graph its solution.

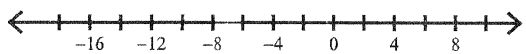
15)  $\left| \frac{x}{4} \right| + 1 < 3$



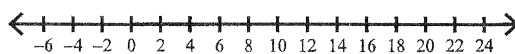
16)  $9|10 + n| < 18$



17)  $|x + 5| \geq 11$



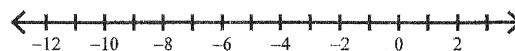
18)  $|x - 9| < 12$



19)  $-7|n - 7| < -7$

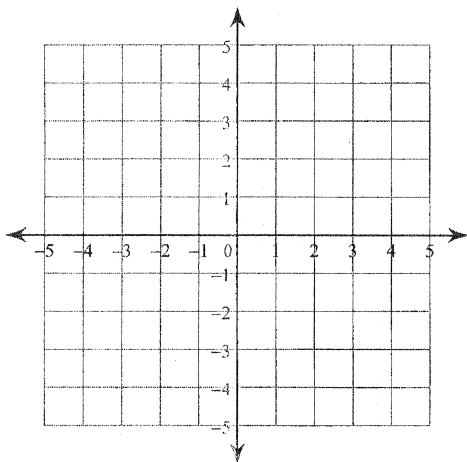


20)  $9|4 + b| \leq 54$

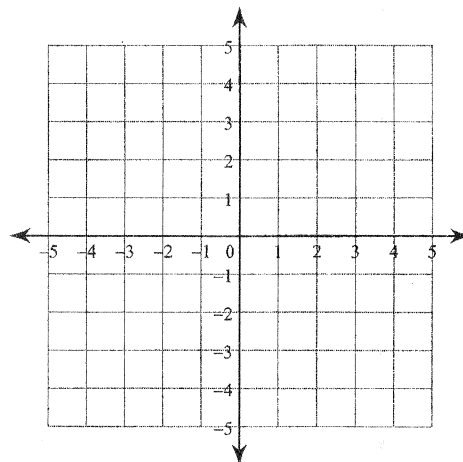


Graph the lines

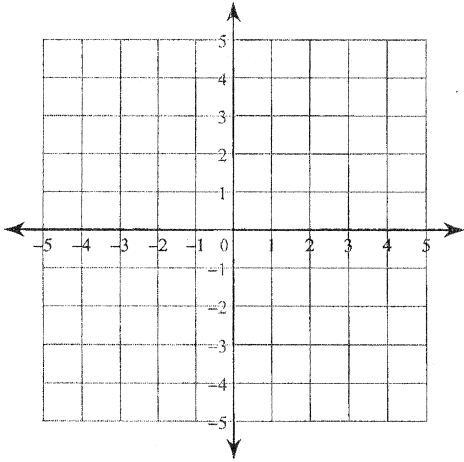
21)  $3x + y = 4$   
 $x - 2y = 6$



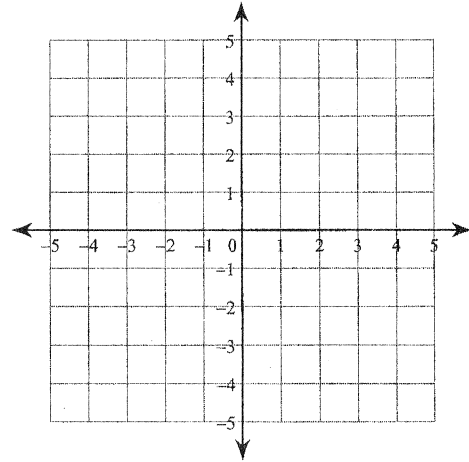
22)  $x + y = -1$   
 $x - 3y = -9$



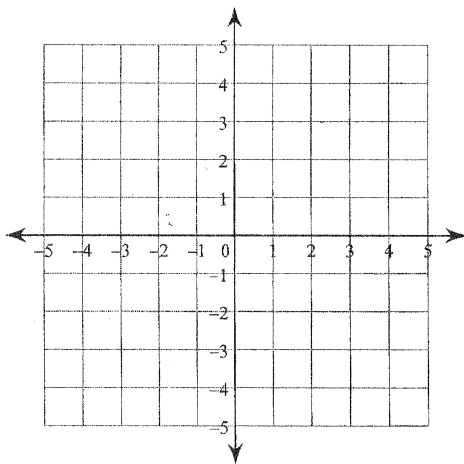
23)  $7x + 2y = -6$   
 $x + 2y = 6$



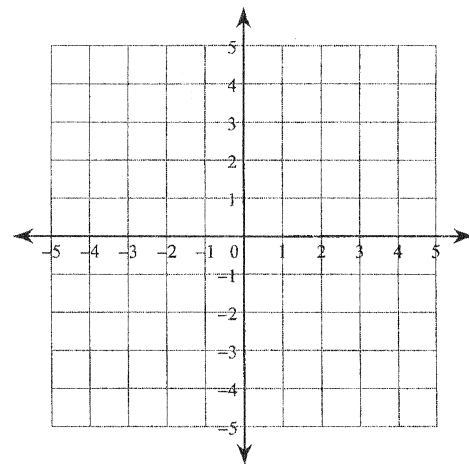
24)  $5x + y = 2$   
 $x + y = -2$



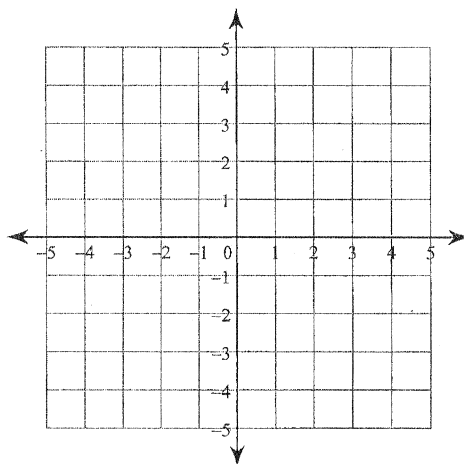
25)  $y = 2x - 2$   
 $y = \frac{2}{3}x + 2$



26)  $y = 2x + 4$   
 $y = -\frac{2}{3}x - 4$



27)  $x + 4y = -8$   
 $5x - 4y = -16$



28)  $2x + y = -2$   
 $x - y = -4$

