<u>DIRECTIONS</u>: Solve the following inequalities and graph the solution sets.
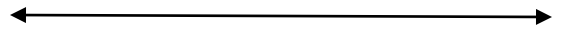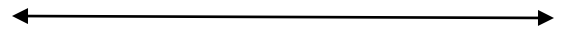
1. $-12 > 4y$

2. $-\frac{3}{4}x < -6$

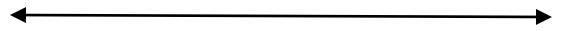**3.** $1 + 2x \leq 2(x - 1)$

4. $5(2x + 3) > 2(x - 3) + x$

5. $3(x - 2) - 2 < x - 5$

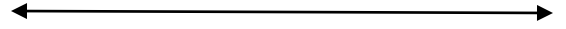**6.** $5(x - 7) + 2(1 - x) > 3(x - 11)$

7. $4x + 3(2 - 3x) \leq 5(2 - x)$

8. $7x - 2(x - 4) \geq 6 - (2 - x)$

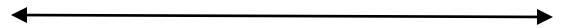**9.** $4(2 - x) - 3(1 + x) < 5(1 - x)$

10. $x - 3(2 - 4x) \leq 7 - (8x - 9 + x)$
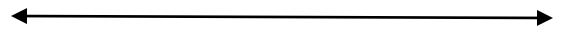
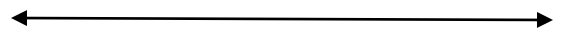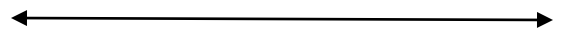**11.** $\frac{2}{3}x - (2 - 3x) < 5x + 2(1 - x)$

12. $4(x + 2) - 9x > x - 3(2x + 1) - 1$

13. $4[5x - (3x - 7)] \leq 2(4x - 5)$

14. $2 - x \leq 4 + x$