DIRECTIONS: Solve the following compound inequalities and graph the solution sets.

1. $-5 < a + 1 \le 1$

$-6 < a \le 0$

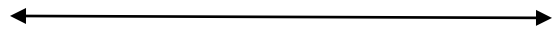**2.** $-9y \le 18$ or $y + 6 \le 0$

$y \le -6$ or $y \ge -2$

3. $8 < 5 - 3x \le 14$

$-3 \le x < -1$

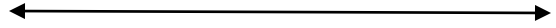**4.** $2 \ge \frac{1}{4}d + 1 \ge -1$

$-8 \le d \le 4$

5. $3y - 4 \le -1$ or $y - 1 \ge 0$

All real numbers (At least one of them is true everywhere, including at 1)

6. $5n - 1 > 0$ and $4n + 2 < 0$

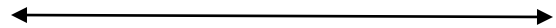No solution (there is nowhere that **both** parts are true)

7. $3y + 5 \geq 2y + 1 > y - 1$

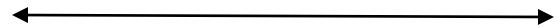$y > -2$ (You need to split the original sANDwich conjunction into two parts)

8. $-3 - 5a > 7 > 2 + 5a$

$a < -2$ (You need to split the original sANDwich conjunction into two parts)

9. $7p - 1 > p + 11$ or $-11p > -33$

All real numbers

10. $-3 \leq -7 - 4x \leq 3$

$-\dfrac{5}{2} \leq x \leq -1$