Alg 1+   Inequalities   Name:_____

Solve, graph, and write each in sentence form.

1) $-6p > 60$

2) $\dfrac{r}{4} > 10$

3) $m - 2 < -9$

4) $a + 9 > 19$

5) $-27 \geq -3p - 3$

6) $4v - 2 > 6$

7) $3a + 2 \geq -7$

8) $2 + \dfrac{x}{4} \leq 1$

9) $-2 \le \dfrac{n}{3} \le 2$

10) $-25 \le 5p < 30$

11) $-2 < n - 4 \le 1$

12) $4 < 6x - 2 < 28$

13) $-4b < -8$ or $\dfrac{b}{2} < -2$

14) $k + 3 \ge 4$ or $k + 4 < 4$

15) $\dfrac{x}{3} \le -1$ or $-2x < -2$

16) $-2n \le -6$ or $n + 4 \le 0$

17) On notebook paper, choose 6 of these problems and explain, in sentence form how you completed solving the problem, how you graphed it and knew what to do. Act as if you are explaining this concept to an 8th grader who has never completed these types of problems before. Write the number of the cooresponding problem next to each.