

Acc: Ineq.

Name _____

Solve, graph & check. Be sure to show all the steps. Do the work & graphs on a separate sheet of paper.

1) $-7x - 14 \geq -2(5x + 1)$

2) $(r - 4) - (2r + 16) \leq 7 + r - 23$

3) $2x - 3(x - 4) \leq x + 2(3x - 2)$

4) $(x - 3) - (2x - 1) \geq 5x + 4$

5) $12 - 3(2n + 3) \leq -3n + 3(n + 1)$

6) $(a + 8) - (6a + 1) > 3 - a$

7) $\frac{1}{4}(8k - 4) < \frac{1}{3}(12 - 6k)$

8) $\frac{1}{4}(8t + 4) + 9 > \frac{1}{2}(2t + 4)$

9) $46 - 5k \leq 3k + 64$

10) $\frac{1}{3}(9y + 3) + 9 \geq \frac{1}{6}(12 - 6y)$