Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Due Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Hour\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework-Solving Multi-Step Inequalities

Solve each inequality and graph the solution.

1. – 18 < 2(12 – 3b)



1. 5n + 3 – 4n < -5 -3n



1. 36 > 4(2d + 10)



1. 2(5t – 25) + 5t < -80



1. 3j + 2 – 2j < -10



1. $\frac{2}{5}$ (5x – 15) ≥ 4



1. 7(2z + 3) > 35



1. 2(3b – 2) < 4b + 8



1. $\frac{1}{2}$y + $\frac{1}{4}$y ≥ -6



1. 8(3f – 6) < -24



1. $\frac{3}{4}$k < $\frac{3}{4}$ - $\frac{1}{4}$k



1. 3(4g – 6) ≥ 6(g + 2)



1. $\frac{1}{2}$(2g + 4) > -7



1. 4(1.25y + 4.2) < 16.8



1. 38 + 7t > -3(t + 4)



1. 4(2d + 1) > 28



1. 4(n – 3) < 2 – 3n



1. $\frac{3}{4}$d - $\frac{1}{2}$ ≤ $2\frac{1}{2}$

