

Name: _____ Hour: _____

II-4 Inequalities Worksheet #2

Solve each inequality and graph the solutions.

1. $x + 7 \geq 4$



2. $\frac{x}{3} < 5$



3. $x - 9 > 11$



4. $-3x \leq 15$



5. $x - 1 < 6$



6. $\frac{x}{2} \geq 9$



7. $2x > 4$



8. $x + 12 \leq 7$



9. $x + 1 < 4$



10. $x - 6 \leq 10$



11. $x - 2 < 13$



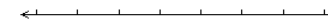
12. $\frac{x}{4} \geq 6$



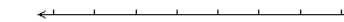
13. $x + 2 \leq 7$



14. $5x > 25$



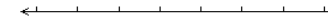
15. $x + 10 < 18$



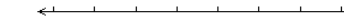
16. $\frac{x}{5} \leq 4$



17. $5x \leq 15$



18. $x - 8 > 4$



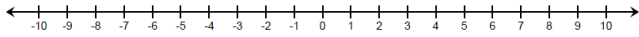
Name: _____

Hour: _____

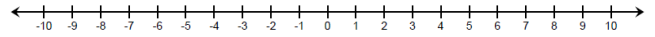
Graphing Inequalities

Graph the inequalities.

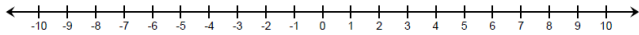
1. $y - 3 \leq -10$



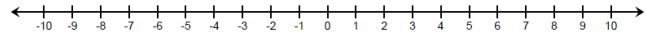
2. $n + 4 \geq 9$



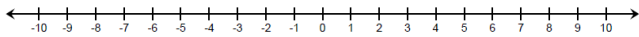
3. $8d < 24$



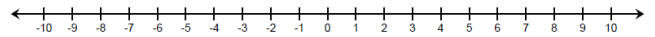
4. $17 + r > 20$



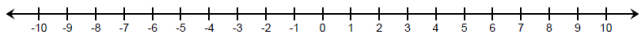
5. $c - 12 \geq -13$



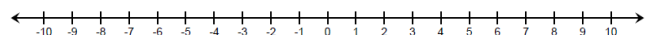
6. $5a < 20$



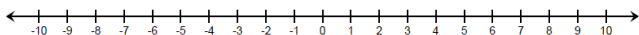
7. $-63 + w \geq -70$



8. $\frac{1}{3}q < 2$



9. $11a < 44$



10. $14 + r > 20$

