

Name: _____ Hour: _____

I-10 Practice A Introduction to Inequalities

Compare. Write $<$ or $>$.

1. $3 + 8 \underline{\hspace{1cm}} 12$

2. $5(3) \underline{\hspace{1cm}} 14$

3. $15 - 7 \underline{\hspace{1cm}} 7$

4. $3(7) \underline{\hspace{1cm}} 28$

5. $9 + (-9) \underline{\hspace{1cm}} 16$

6. $-10(6) \underline{\hspace{1cm}} -65$

7. $4 - 9 \underline{\hspace{1cm}} -12$

8. $-3 + -6 \underline{\hspace{1cm}} -8$

9. $7(-8) \underline{\hspace{1cm}} -50$

Solve and graph each inequality.

10. $a + 3 < 7$



11. $4 + m \geq 1$



12. $N - 1 < 2$



13. $-3 + s > -1$



14. $Z - 5 \leq 5$



15. $9 + p < 14$



16. $g + 2 \geq -2$



17. $-4 + w \leq -3$



18. $K - 1 < -5$



19. $t - 4 < 7$



20. $6 + r \geq 5$



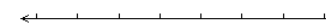
21. $Y + 14 > 22$



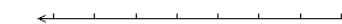
22. $x + 2 > 1$



23. $-4 + a < -6$



24. $C - 2 \geq -3$



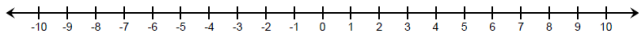
Name: _____

Hour: _____

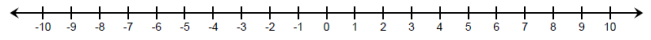
Graphing and Writing Inequalities

Graph the inequalities.

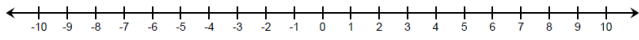
1. $f > 7$



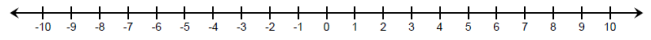
2. $m < 4$



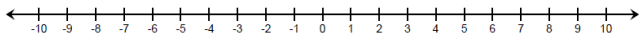
3. $a \geq -1$



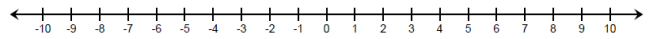
4. $z \leq 5$



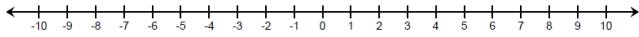
5. $6 \geq p$



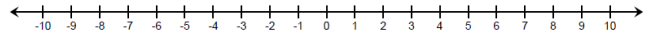
6. $c > -4$



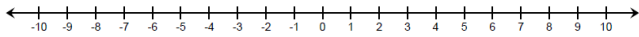
7. $k < -2$



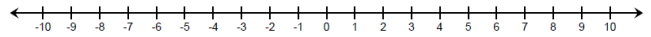
8. $x \geq 0$



9. $y < 9$



10. $-7 \leq q$



Write the inequalities which represent the given graph.

