

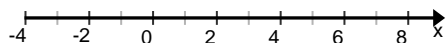


Name _____ Period _____ Date _____

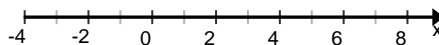
Solving and Graphing Inequalities

Solve and graph, using inverse operations. Show your work.

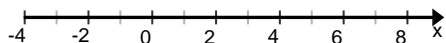
Example: $x < 4$



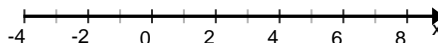
Example: $m \geq 2$



Example: $x \leq 4$



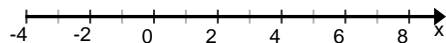
Example: $k \geq 2$



Example: $p + 3 < 7$

$$p + 3 - 3 < 7 - 3$$

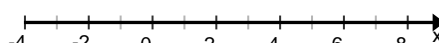
$$p < 4$$



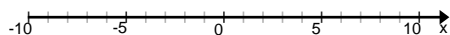
Example: $2m \geq 6$

$$\frac{2m}{2} \geq \frac{6}{2}$$

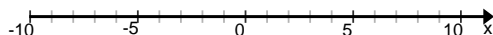
$$m \geq 3$$



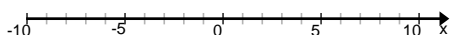
1. $x > 6$



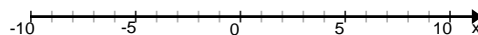
2. $y \geq 5$



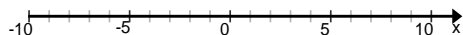
3. $m < 8$



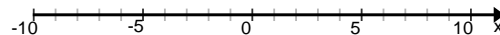
4. $n \leq 7$



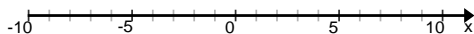
5. $m + 1 > 6$



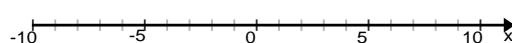
6. $y - 3 > 4$



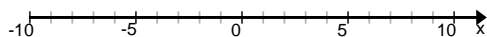
7. $m + 5 \leq 4$



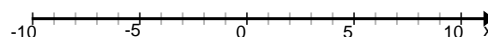
8. $x - 2 \geq 1$



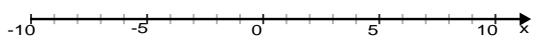
9. $2x \leq 14$



10. $\frac{b}{2} \geq 4$



11. $5x > 30$



12. $\frac{v}{4} < 2.5$

