

Name: _____

Hour: _____

Solving Multi-Step Inequalities Worksheet

Solve the inequalities. Then graph the solution on the number line.

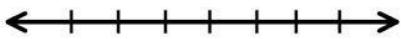
1) $2x + 3 < 9$

2) $-2x + 3 < 9$



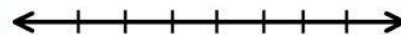
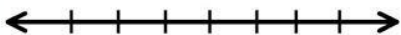
3) $\frac{x}{5} + 6 \geq 8$

4) $\frac{x}{-5} + 6 \geq 8$



5) $7x - 9 > 5$

6) $-7x - 9 > 5$

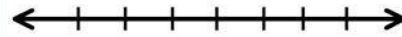
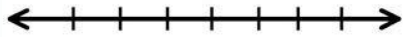


Name: _____

Hour: _____

$$7) \quad 12 + \frac{x}{3} \leq 8$$

$$8) \quad 12 + \frac{x}{-3} \leq 8$$



$$9) \quad 6 + 4x > 14$$

$$10) \quad 6 - 4x > 14$$

