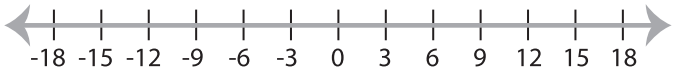
Name : _____ Score : _____

Solving & Graphing Inequalities

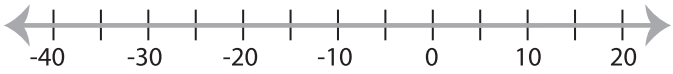
One-step: S1

Solve each problem and graph the solutions.

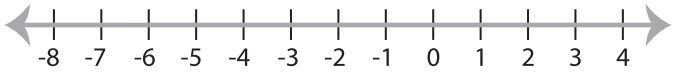
1) $x + 9 > 6$ or $x - 1 \leq -10$



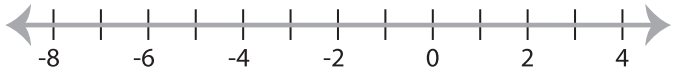
2) $x - 2 \leq 3$ and $\frac{x}{7} > -5$



3) $4x < 8$ and $\frac{x}{3} \leq -2$

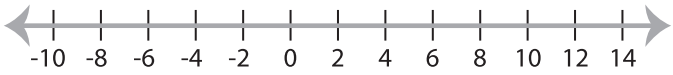


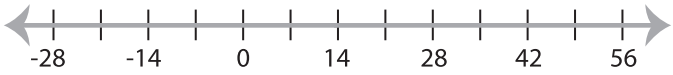
4) $x + 11 > 9$ or $8x \geq -24$



5) $\frac{x}{2} \leq 1$ or $x + 9 > 14$

6) $-4 < 2x \leq 16$



7) $3 \leq x - 6 < 12$

8) $x + 12 \geq 5$ and $\frac{x}{2} > 7$