

Name : _____

Solve and Graph Each Inequality

Solve the given inequalities and graph your solution.

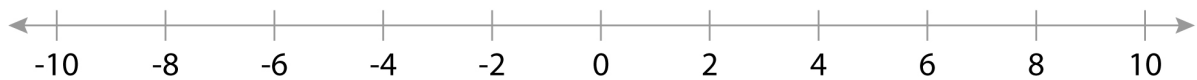
① $5 - 3l > -10$ or $5l - 5 \geq 35$



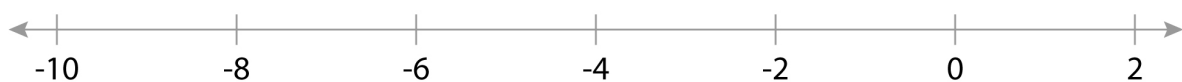
② $6 + 7p < 6p - 5$ or $3p - 7 < 5 + 6p$



③ $8x + 8 \geq -64$ and $-7 - 8x \geq -79$



④ $-50 < 7k + 6 < -8$



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Answer.

① $5 - 3l > -10$ or $5l - 5 \geq 35$

Ans: $l < 5$ or $l \geq 8$



② $6 + 7p < 6p - 5$ or $3p - 7 < 5 + 6p$

Ans: $p < -11$ or $p > -4$



③ $8x + 8 \geq -64$ and $-7 - 8x \geq -79$

Ans: $-9 \leq x \leq 9$



④ $-50 < 7k + 6 < -8$

Ans: $-8 < k < -2$

