

Solving Inequalities

When solving inequalities always use the _____ operation!!!

Copy and solve the inequality. (Show your work!)	Label and graph the solutions to the inequality.
$x + 5 < 8$	
Choose a number from the solutions on the graph to substitute and check.	Explain the solution in words.

Copy and solve the inequality. (Show your work!)	Label and graph the solutions to the inequality.
$y + 2 \geq 11$	
Choose a number from the solutions on the graph to substitute and check.	Explain the solution in words.

Copy and solve the inequality. (Show your work!)	Label and graph the solutions to the inequality.
$4m < 20$	
Choose a number from the solutions on the graph to substitute and check.	Explain the solution in words.

Copy and solve the inequality. (Show your work!)

Label and graph the solutions to the inequality.

$$\frac{x}{4} > 8$$

Choose a number from the solutions on the graph to substitute and check.

Explain the solution in words.

Copy and solve the inequality. (Show your work!)

Label and graph the solutions to the inequality.

Rick won 27 tickets playing a game. To get a prize, he must win at least 30 tickets. How many more can he win to get a prize?

Choose a number from the solutions on the graph to substitute and check.

Explain the solution in words.

Copy and solve the inequality. (Show your work!)

Label and graph the solutions to the inequality.

Max earns \$9 per hour. This week he's hoping to earn at least \$200. How many hours would he need to work?

Choose a number from the solutions on the graph to substitute and check.

Explain the solution in words.