Warm Vp!

In your own words, define an inequality.

a comparison between 2 valves showing which is greater

Name each of the following symbols:

Aben	<	>	≥	≤
	less than	greater	greater than of = to	1455 than or - to

Solving Algebraic Inequalities Vsing Addition and Subtraction

Clear Learning Target

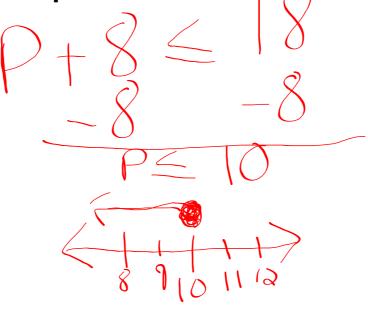
You will be able to solve algebraic inequalities using addition and subtraction properties.

Example #1: Solve the following inequality for the variable. $x - 12 \ge 8$

You Try! Solve the following inequality for the variable. 22 > m - 8 * of alters

$$M = 8$$
 $\delta = 0$

Example #2: Solve and graph the inequality for the variable. m + 19 > 56 **You Try!** Solve and graph the inequality for the variable. p + 8 ≤ 18



Example #3: Solve the inequality for the variable. **3a** + **6** ≤ **4a**

A move the term with the smaller coefficient 3a+6=4a -3a **You Try!** Solve the following inequality for the variable. **9n - 1 < 10n**