

A mathematical sentence that contains any of the symbols listed below is called an <u>inequality</u>.

		10.15	2 ≥	
• is less than • is fewer than	Is greater than     is more than     exceeds	• is less than or equal to	is greater than     or equal to	X
		• is no more than	• is no less than	

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Write an inequality for each sentence.

- 1) Your height (h) is greater than or equal to 48 in.
- 2) Your age (a) is at least 12 years. a ミル
- 3) Your weight (w) is at most 120 pounds.  $\omega \leq 120$

We can determine the <u>Truth of an Inequality</u> for a given value by checking if the value makes the inequality true or false.

## True or False?

We can graph solutions to inequalities on the number line.









