

MasterMath

Name _____
Date _____

Writing and Graphing Inequalities

1. Fill in the blanks with the correct Inequality Symbol

number	symbol	number
6	>	4
2985	<	3000

2. Translate into math

Expression	Tanslation
x + 5 is greater than 12	$x + 5 > 12$
A number divided by 4 is greater than 22	$x/4 > 22$
I got at least a 90 on the test	$g \geq 90$
You can watch TV for no more than 60 minutes	$T \leq 60$
You are taller than your sister	$y > s$
The temperature in Fairbanks never goes above 83°	$t \leq 83$

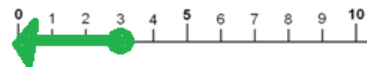
3. Write an inequality, then draw it on this number line: There are at least as many girls as boys on the basketball team. There are 7 boys on the team.

$$g \geq 7$$



4. Write an inequality, then draw it on this number line: The fishing laws limit the number of tarpon you can catch each day to 3.

$$t \leq 3$$

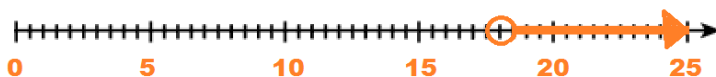


5. Write an inequality, then draw it on this number line: You are on a diet that limits your intake to less than 1600 calories per day.

$$c < 1600$$



6. This number line describes the legal driving age in Italy. Please translate into English.



The legal driving age is 18 and older