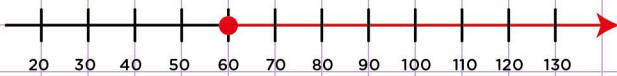


Name: Class:

Write inequalities from number lines

In each case, write your answer starting with a variable.

What inequality does the number line below show ?



Let's use x as the variable.
The filled-in circle means that, $x = 60$.
Then, the arrow pointing to the right means x can be any number greater than 60.
So, since x can be 60 or any number greater than 60, the inequality is

$x \geq 60$

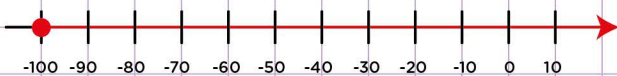
What inequality does the number line below show ?



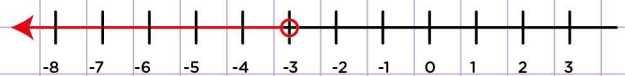
Let's use t as the variable.
The open circle means that t cannot be equal to 2.
Then, the arrow pointing to the left means t can be any number less than 2.
So, since t cannot be equal to 2 and can be any number less than 2, the inequality is

$t < 2$

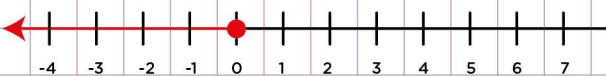
What inequality does the number line below show ?



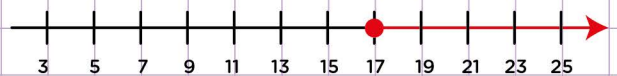
What inequality does the number line below show ?



What inequality does the number line below show ?



Graph the inequality below on the number line.

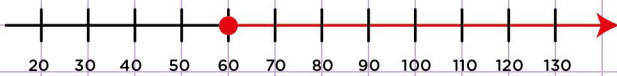


Name: Class:

Write inequalities from number lines

In each case, write your answer starting with a variable.

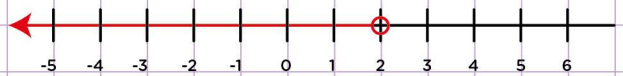
What inequality does the number line below show ?



Let's use x as the variable.
 The filled-in circle means that, $x = 60$.
 Then, the arrow pointing to the right means x can be any number greater than 60.
 So, since x can be 60 or any number greater than 60, the inequality is

$x \geq 60$

What inequality does the number line below show ?



Let's use t as the variable.
 The open circle means that t cannot be equal to 2.
 Then, the arrow pointing to the left means t can be any number less than 2.
 So, since t cannot be equal to 2 and can be any number less than 2, the inequality is

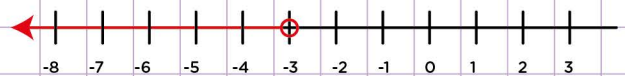
$t < 2$

What inequality does the number line below show ?



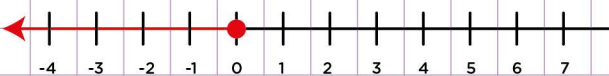
$x \geq -100$

What inequality does the number line below show ?



$x < -3$

What inequality does the number line below show ?



$u \leq 0$

Graph the inequality below on the number line.



$y \geq 17$

