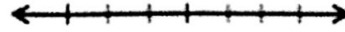


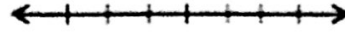
**Lesson Practice: Writing Inequalities**

**Write an inequality to represent each situation and solve for the variable. Graph each solution on a number line.**

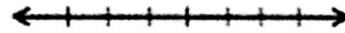
- 1) The sum of 8 and  $x$  is greater than 10.



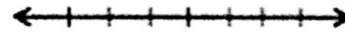
- 2)  $m$  plus 7 is at least 250.



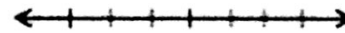
- 3) The product of 8 and  $w$  is less than or equal to 64.



- 4) 8 less than  $k$  is greater than 10.



- 5) Five plus  $r$  is at most 25.



- 6) The total amount of cookies ( $c$ ) divided by 12 people must be at least 4.



- 7) Anna makes \$6 per hour ( $h$ ) babysitting. She made less than \$60.



- 8) Each table ( $t$ ) in the cafeteria can seat 8 students. The cafeteria must seat at least 300 students.

