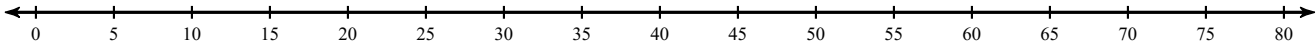


Inequalities Word Problems

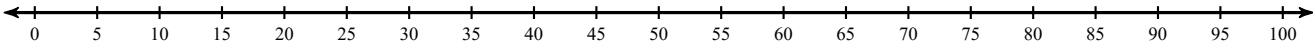
Date\_\_\_\_\_Period\_\_\_\_

For each problem, complete the number line to represent the described scenario.

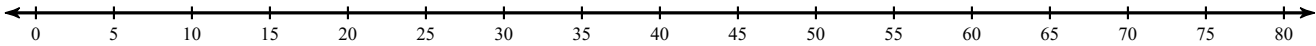
- 1) A doctor recommends that a boy limits his screen time to a maximum of 20 minutes per day.



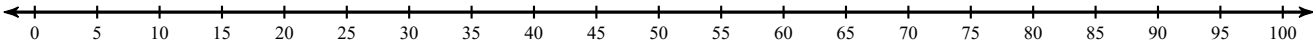
- 2) Each student must complete at least 35 hours of community service in order to graduate.



- 3) Drivers are required to maintain a speed at or below the speed limit of 30 miles per hour.

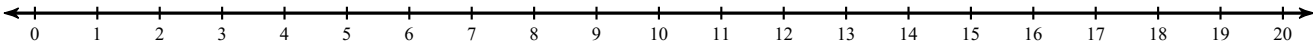


- 4) The summer reading program requires that you read at least 55 minutes per day.

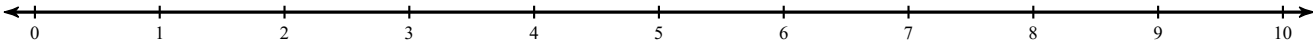


For each problem, complete the number line and write an inequality to represent the described scenario.

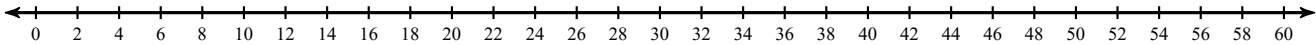
- 5) To get a driver's license in a certain country, you must be at least 18 years old.



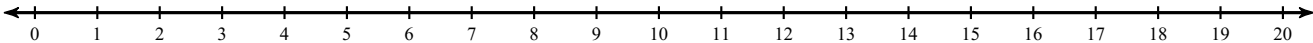
- 6) To make the cross-country team, you must run at least 2 miles without stopping.



- 7) If it is below 28 degrees Fahrenheit outside, the class must stay indoors for recess.



- 8) A doctor recommends her patient drinks at least 12 cups of water per day.

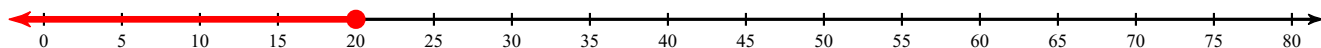


## Inequalities Word Problems

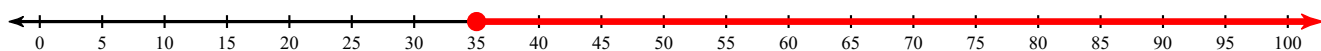
Date \_\_\_\_\_ Period \_\_\_\_\_

**For each problem, complete the number line to represent the described scenario.**

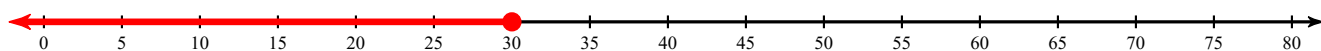
- 1) A doctor recommends that a boy limits his screen time to a maximum of 20 minutes per day.



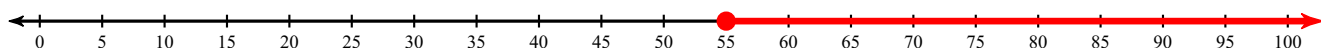
- 2) Each student must complete at least 35 hours of community service in order to graduate.



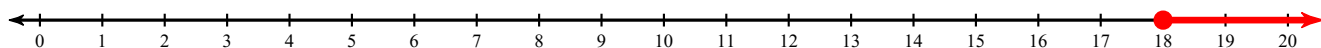
- 3) Drivers are required to maintain a speed at or below the speed limit of 30 miles per hour.



- 4) The summer reading program requires that you read at least 55 minutes per day.

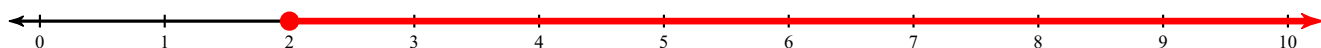
**For each problem, complete the number line and write an inequality to represent the described scenario.**

- 5) To get a driver's license in a certain country, you must be at least 18 years old.



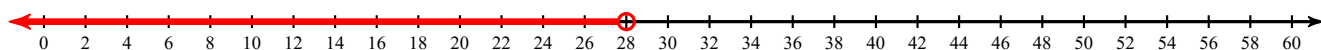
$$x \geq 18$$

- 6) To make the cross-country team, you must run at least 2 miles without stopping.



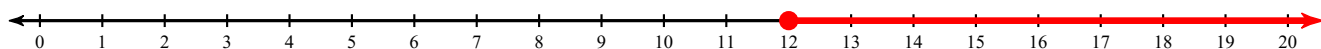
$$x \geq 2$$

- 7) If it is below 28 degrees Fahrenheit outside, the class must stay indoors for recess.



$$x < 28$$

- 8) A doctor recommends her patient drinks at least 12 cups of water per day.



$$x \geq 12$$