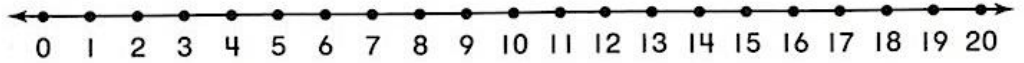


Writing Inequalities

To vote in the U.S., a citizen must be 18 years of age or older.

Write an inequality that describes the age in years of voters in the U.S.

Graph the solution of the inequality on a number line. Express the solution set using interval notation.



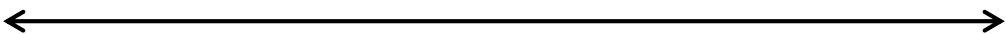
Water boils at 100° Celsius. Write and graph an inequality that describes the temperature of water that is not boiling. Express the solution set using interval notation.



To qualify for the swimming final your time can be at most 62 seconds. Write and graph an inequality that describes the time of a swimmer who qualified for the final. Express the solution set using interval notation.



A number p is not positive. Write and graph an inequality that describes all possible values of p . Express the solution set using interval notation.



There are fewer than 10 tickets available for tonight's musical. Write and graph an inequality that describes the number of tickets available. Express the solution set using interval notation.



