

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Look at the inequality  $10 + 5x > 50$ . Tell whether each statement about the inequality is true or false.

Zero is a solution. \_\_\_\_\_

Five is a solution. \_\_\_\_\_

Ten is a solution. \_\_\_\_\_

Twenty is a solution. \_\_\_\_\_

There is only one solution. \_\_\_\_\_

Which of these values is a solution for the inequality  $x - 2 \geq 7$ ?  
Circle the TWO that apply.

8

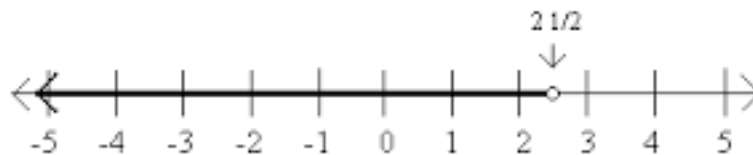
9

4

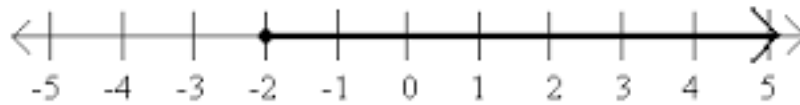
10

3

Write an inequality for each graph.



\_\_\_\_\_



---

Jane has bad eyesight, and cannot read text more than 20 feet away. Write an inequality that represents distances at which Jane cannot read text.

You have to be at least 18 years old to vote. Write and graph inequality representing this situation.

Consider the inequality  $x > .25$ . Tell whether each statement is true or false.

.25 is a solution. \_\_\_\_\_

There are many solutions. \_\_\_\_\_

All of the solutions are positive. \_\_\_\_\_

The inequality  $.25 < x$  is equivalent. \_\_\_\_\_

.5 is a solution. \_\_\_\_\_