

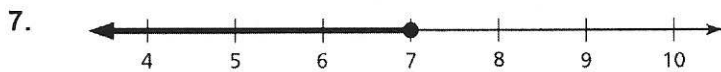
Write the word sentence as an inequality.

- 1.  $n$  is at least 10.
- 2. 15 is more than  $x$ .
- 3. Twice  $a$  is less than 3
- 4.  $s$  is fewer than 18.

Tell whether the given value is a solution of the inequality. (Yes or No)

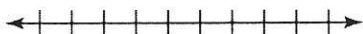
- 5.  $2x \leq 10$ ;  $x = 5$
- 6.  $m - 4 > 8$ ;  $m = 6$

Write an inequality that represents the graph.

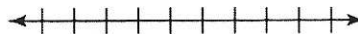


Graph the inequality on a number line.

10.  $m \leq 1$

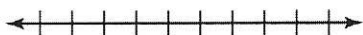


11.  $w > 6$

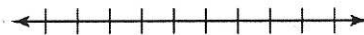


Solve the inequality. Graph the solution.

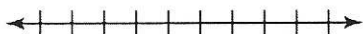
12.  $k - 7 \leq 2$



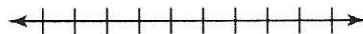
13.  $c + 12 \geq 27$



14.  $\frac{x}{5} < 1$



15.  $7c > 63$



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. See graph

11. See graph

12. \_\_\_\_\_

See graph

13. \_\_\_\_\_

See graph

14. \_\_\_\_\_

See graph

15. \_\_\_\_\_

See graph