

Name _____

Graph Inequalities

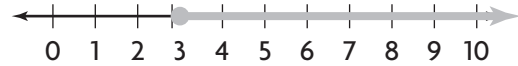


COMMON CORE STANDARD—6.EE.8
Reason about and solve one-variable equations and inequalities.

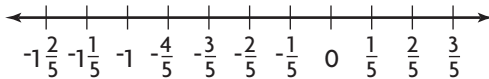
Graph the inequality.

1. $h \geq 3$

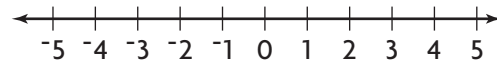
Draw a filled-in circle at 3 to show that 3 is a solution. Shade to the right of 3 to show that values greater than 3 are solutions.



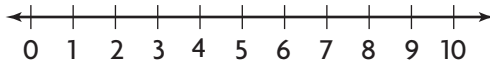
2. $x < -\frac{4}{5}$



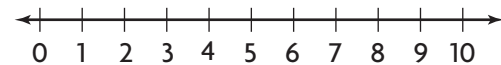
3. $y > -2$



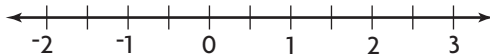
4. $b < 8$



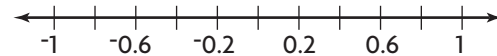
5. $m \leq 3$



6. $n \geq 1\frac{1}{2}$



7. $c \leq -0.4$

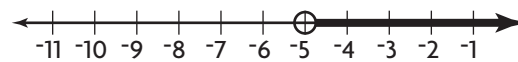


Write the inequality represented by the graph.

8.

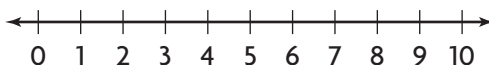


9.



Problem Solving

10. The inequality $x \leq 2$ represents the elevation x of a certain object found at a dig site. Graph the solutions of the inequality on the number line.



11. The inequality $x \geq 144$ represents the possible scores x needed to pass a certain test. Graph the solutions of the inequality on the number line.

