

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



## Solving and Graphing Inequalities

Solve each of the following inequalities and graph the solution. Be sure to number each number line given.

1.  $m < \frac{7}{9}$

2.  $n \leq -3.9$

3.  $x > 2.3$

4.  $y - \frac{2}{9} \geq \frac{-5}{9}$

5.  $r + (-3) \geq -6$

6.  $s - 3.1 < 7.8$

7.  $\frac{3}{5}x < 2$

8.  $0.7t < 0.63$

9.  $\frac{x}{-1.1} \geq 9$

10.  $x \div \frac{5}{9} \geq 2$

11.  $-3x - 1 \leq -13$

12.  $-13 \geq \frac{x}{2} - 7$

13.  $-2y + 5 < -1$

14.  $-3(x + 5) > -24$