

# Lesson 6 Skills Practice

## Solve Inequalities by Addition or Subtraction

Solve each inequality.

1.  $a + 4 < 9$

2.  $e - 7 > 1$

3.  $-4 \geq k - 2$

4.  $y + 6 > 9$

5.  $n - 9 \geq 5$

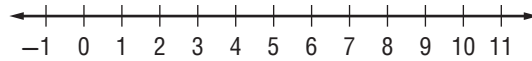
6.  $-4 > h - 2$

7.  $-19 > x - 11$

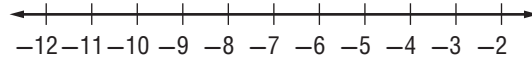
8.  $5 \leq q + 12$

Solve each inequality. Graph the solution set on a number line.

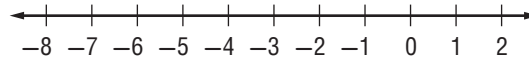
9.  $8 < p - 1$



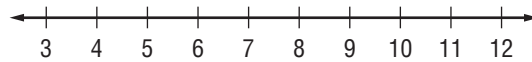
10.  $w + 5 \geq -6$



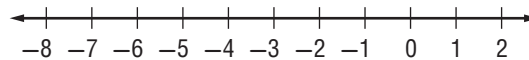
11.  $1 > x + 6$



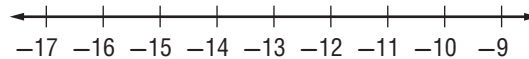
12.  $4 \leq v - 7$



13.  $b - 3 \leq -8$



14.  $m + 9 < -8$



Write an inequality and solve each problem.

15. Two less than a number is less than 9.

16. The difference between a number and 3 is no more than 2.

17. The sum of a number and 8 is more than 4.

18. Two more than a number is less than 13.