

## Solving Linear Inequalities (E)

Solve each inequality for the given variable.

1.  $-h - 3 > -3$

2.  $a + 4 < 2$

3.  $9 + x < -5$

4.  $1 + a \leq 1$

5.  $1 - m > 5$

6.  $2 \geq 4 + y$

7.  $-4 \geq -z - 3$

8.  $j + 8 > -3$

9.  $-b + 4 \geq -9$

10.  $-g + 3 > 7$

## Solving Linear Inequalities (E) Answers

Solve each inequality for the given variable.

1.  $-h - 3 > -3$

$$h < 0$$

2.  $a + 4 < 2$

$$a < -2$$

3.  $9 + x < -5$

$$x < -14$$

4.  $1 + a \leq 1$

$$a \leq 0$$

5.  $1 - m > 5$

$$m < -4$$

6.  $2 \geq 4 + y$

$$y \leq -2$$

7.  $-4 \geq -z - 3$

$$z \geq 1$$

8.  $j + 8 > -3$

$$j > -11$$

9.  $-b + 4 \geq -9$

$$b \leq 13$$

10.  $-g + 3 > 7$

$$g < -4$$