

Solving Linear Inequalities (B)

Solve each inequality for the given variable.

1. $3 < x + 5$

2. $-d - 2 \geq -1$

3. $-3 \leq b + 9$

4. $-7 - y > -2$

5. $-9 - t > 9$

6. $2 > -c - 3$

7. $1 > -r - 7$

8. $9 < -8 - w$

9. $-b - 4 \leq -4$

10. $3 > -m + 8$

Solving Linear Inequalities (B) Answers

Solve each inequality for the given variable.

1. $3 < x + 5$

$$x > -2$$

2. $-d - 2 \geq -1$

$$d \leq -1$$

3. $-3 \leq b + 9$

$$b \geq -12$$

4. $-7 - y > -2$

$$y < -5$$

5. $-9 - t > 9$

$$t < -18$$

6. $2 > -c - 3$

$$c > -5$$

7. $1 > -r - 7$

$$r > -8$$

8. $9 < -8 - w$

$$w < -17$$

9. $-b - 4 \leq -4$

$$b \geq 0$$

10. $3 > -m + 8$

$$m > 5$$