

Solving Linear Inequalities (C)

Solve each inequality for the given variable.

1. $9t + 4 \leq -5$

2. $-4 - 4w > -1$

3. $5 - 6q \leq 4$

4. $1 > -1 + 9y$

5. $-7 + 7h < 6$

6. $-4j - 6 < 1$

7. $-4 \geq 6 - 6g$

8. $9 - 3r > -8$

9. $2b - 6 < 7$

10. $7 + 2q \geq 6$

Solving Linear Inequalities (C) Answers

Solve each inequality for the given variable.

1. $9t + 4 \leq -5$

$$t \leq -1$$

2. $-4 - 4w > -1$

$$w < -\frac{3}{4}$$

3. $5 - 6q \leq 4$

$$q \geq \frac{1}{6}$$

4. $1 > -1 + 9y$

$$y < \frac{2}{9}$$

5. $-7 + 7h < 6$

$$h < 1\frac{6}{7}$$

6. $-4j - 6 < 1$

$$j > -1\frac{3}{4}$$

7. $-4 \geq 6 - 6g$

$$g \geq 1\frac{2}{3}$$

8. $9 - 3r > -8$

$$r < 5\frac{2}{3}$$

9. $2b - 6 < 7$

$$b < 6\frac{1}{2}$$

10. $7 + 2q \geq 6$

$$q \geq -\frac{1}{2}$$