

## Solving Linear Inequalities (D)

Solve each inequality for the given variable.

1.  $-5n - 4 \geq 9$

2.  $6x - 5 < -2$

3.  $4g - 1 \geq -3$

4.  $-2 \geq 7 - j$

5.  $7 > 2 + 9w$

6.  $4 - 8s \leq 8$

7.  $-5 - 9m < -4$

8.  $1 + 8d \geq -8$

9.  $1 > -6 + 7z$

10.  $-2x - 7 \geq -4$

## Solving Linear Inequalities (D) Answers

Solve each inequality for the given variable.

1.  $-5n - 4 \geq 9$

$$n \leq -2\frac{3}{5}$$

2.  $6x - 5 < -2$

$$x < \frac{1}{2}$$

3.  $4g - 1 \geq -3$

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

4.  $-2 \geq 7 - j$

$$j \geq 9$$

5.  $7 > 2 + 9w$

$$w < \frac{5}{9}$$

6.  $4 - 8s \leq 8$

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

7.  $-5 - 9m < -4$

$$m > -\frac{1}{9}$$

8.  $1 + 8d \geq -8$

$$d \geq -1\frac{1}{8}$$

9.  $1 > -6 + 7z$

$$z < 1$$

10.  $-2x - 7 \geq -4$

$$x \leq -1\frac{1}{2}$$