

Solving Linear Inequalities (B)

Solve each inequality for the given variable.

1. $-2h - 3 \geq 7$

2. $-5 > -4 + g$

3. $1 > -3j - 2$

4. $1 - 4w \leq -8$

5. $1 > 5m + 3$

6. $-4 \leq 3t + 8$

7. $-3 \geq 1 + 5d$

8. $-7 < 8 + 6m$

9. $7t - 8 \geq -1$

10. $-9 \leq -3g - 5$

Solving Linear Inequalities (B) Answers

Solve each inequality for the given variable.

1. $-2h - 3 \geq 7$

$$h \leq -5$$

2. $-5 > -4 + g$

$$g < -1$$

3. $1 > -3j - 2$

$$j > -1$$

4. $1 - 4w \leq -8$

$$w \geq 2\frac{1}{4}$$

5. $1 > 5m + 3$

$$m < -\frac{2}{5}$$

6. $-4 \leq 3t + 8$

$$t \geq -4$$

7. $-3 \geq 1 + 5d$

$$d \leq -\frac{4}{5}$$

8. $-7 < 8 + 6m$

$$m > -2\frac{1}{2}$$

9. $7t - 8 \geq -1$

$$t \geq 1$$

10. $-9 \leq -3g - 5$

$$g \leq 1\frac{1}{3}$$