

Solving Linear Inequalities (I)

Solve each inequality for the given variable.

1. $4 \geq -5 + 2h$

2. $6s - 9 < 3$

3. $8 + 8b < -1$

4. $-9d + 7 \leq 5$

5. $-8 - 8d \geq 8$

6. $4 \geq -4 - w$

7. $4 > -4s + 7$

8. $-9 > -9 + 2s$

9. $-3 + 4a \geq -6$

10. $-9k + 3 < 9$

Solving Linear Inequalities (I) Answers

Solve each inequality for the given variable.

1. $4 \geq -5 + 2h$

$$h \leq 4\frac{1}{2}$$

2. $6s - 9 < 3$

$$s < 2$$

3. $8 + 8b < -1$

$$b < -1\frac{1}{8}$$

4. $-9d + 7 \leq 5$

$$d \geq \frac{2}{9}$$

5. $-8 - 8d \geq 8$

$$d \leq -2$$

6. $4 \geq -4 - w$

$$w \geq -8$$

7. $4 > -4s + 7$

$$s > \frac{3}{4}$$

8. $-9 > -9 + 2s$

$$s < 0$$

9. $-3 + 4a \geq -6$

$$a \geq -\frac{3}{4}$$

10. $-9k + 3 < 9$

$$k > -\frac{2}{3}$$