

Solving Linear Inequalities (A)

Solve each inequality for the given variable.

1. $-6 + 7r > -7$

2. $7 > -4s + 7$

3. $7 \leq -4 - 8q$

4. $2 - f > 3$

5. $7 > -8 + 8z$

6. $-3 < -7 + 4t$

7. $-8 < -8n + 9$

8. $-4 > 6 - 2f$

9. $7 \geq 3 - 6w$

10. $-5a - 2 \leq 1$

Solving Linear Inequalities (A) Answers

Solve each inequality for the given variable.

1. $-6 + 7r > -7$

$$r > -\frac{1}{7}$$

2. $7 > -4s + 7$

$$s > 0$$

3. $7 \leq -4 - 8q$

$$q \leq -1\frac{3}{8}$$

4. $2 - f > 3$

$$f < -1$$

5. $7 > -8 + 8z$

$$z < 1\frac{7}{8}$$

6. $-3 < -7 + 4t$

$$t > 1$$

7. $-8 < -8n + 9$

$$n < 2\frac{1}{8}$$

8. $-4 > 6 - 2f$

$$f > 5$$

9. $7 \geq 3 - 6w$

$$w \geq -\frac{2}{3}$$

10. $-5a - 2 \leq 1$

$$a \geq -\frac{3}{5}$$