

Solving Two-Step Inequalities

Solve each inequality.

1) $7 + 2x \geq 13$

2) $\frac{a-5}{6} \leq -1$

3) $3t - 1 < 5$

4) $9u + 3 > -18$

5) $17 < 12 - v$

6) $\frac{11w}{10} > 11$

7) $-14 + 7m < 7$

8) $4 \geq -16 - q$

9) $13 + \frac{n}{2} \leq 11$

10) $\frac{3c}{5} > 1$

Solving Two-Step Inequalities

Answer key

Solve each inequality.

1) $7 + 2x \geq 13$

$x \geq 3$

2) $\frac{a-5}{6} \leq -1$

$a \leq -1$

3) $3t - 1 < 5$

$t < 2$

4) $9u + 3 > -18$

$u > -\frac{7}{3}$

5) $17 < 12 - v$

$v < -5$

6) $\frac{11w}{10} > 11$

$w > 10$

7) $-14 + 7m < 7$

$m < 3$

8) $4 \geq -16 - q$

$q \geq -20$

9) $13 + \frac{n}{2} \leq 11$

$n \leq -4$

10) $\frac{3c}{5} > 1$

$c > \frac{5}{3}$