

Two-Step Inequalities

Answer Key

Solve each inequality.

1) $2t - 17 \geq 5$

$$t \geq 11$$

2) $1 < 6 + 8x$

$$x > -\frac{5}{8}$$

3) $\frac{p+11}{3} \leq 2$

$$p \leq -5$$

4) $9u + 3 > -18$

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

5) $\frac{7y}{9} < 7$

$$y < 9$$

6) $7(c + 2) > 14$

$$c > 0$$

7) $\frac{6+w}{19} > 1$

$$w > 13$$

8) $10 \leq -m - 15$

$$m \leq -25$$

9) $5q + 14 < 20$

$$q < \frac{6}{5}$$

10) $13 + 4n \geq 9$

$$n \geq -1$$