

Two-Step Inequalities

Answer Key

Solve each inequality.

1) $7 + 2x \geq 13$

$$\underline{x \geq 3}$$

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

$$\underline{a \leq -1}$$

3) $3t - 1 < 5$

$$\underline{t < 2}$$

4) $9(q + 1) \leq -18$

$$\underline{q \leq -3}$$

5) $17 < 12 - v$

$$\underline{v < -5}$$

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

$$\underline{w > 10}$$

7) $-14 + 7m < 7$

$$\underline{m < 3}$$

8) $4 \geq -16 - r$

$$\underline{r \geq -20}$$

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

$$\underline{n \leq -4}$$

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

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