

Solving One-Step Inequalities

Answer Key

Solve each inequality.

1) $3x < 14$

$$x < \frac{14}{3}$$

2) $m - 9 > 11$

$$m > 20$$

3) $\frac{a}{5} \geq 12$

$$a \geq 60$$

4) $n + 16 \leq 8$

$$n \leq -8$$

5) $\frac{b}{7} < 10$

$$b < 70$$

6) $-2z > 17$

$$z < -\frac{17}{2}$$

7) $\frac{v}{4} \geq 20$

$$v \geq 80$$

8) $3 + k \leq 18$

$$k \leq 15$$

9) $-1 + p < 15$

$$p < 16$$

10) $13 > 6s$

$$s < \frac{13}{6}$$

11) $-r - 5 \geq 19$

$$r \leq -24$$

12) $c + 9 \leq -10$

$$c \leq -19$$