

Solving One-Step Inequalities

Answer Key

Solve each inequality.

1) $3k \leq 8$

$$k \leq \frac{8}{3}$$

2) $p + 14 > -2$

$$p > -16$$

3) $\frac{t}{9} < 11$

$$t < 99$$

4) $-\frac{r}{5} \geq -5$

$$r \leq 25$$

5) $a + 7 \leq 12$

$$a \leq 5$$

6) $c - 2 > 8$

$$c > 10$$

7) $6 + z < 19$

$$z < 13$$

8) $10 \geq -5m$

$$m \geq -2$$

9) $q - 3 \leq -9$

$$q \leq -6$$

10) $v - 15 > -4$

$$v > 11$$

11) $\frac{u}{6} < 13$

$$u < 78$$

12) $8b \geq 18$

$$b \geq \frac{9}{4}$$