

Solving One-Step Inequalities

Solve each inequality.

1) $3k \leq 8$

2) $p + 14 > -2$

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

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

5) $a + 7 \leq 12$

6) $c - 2 > 8$

7) $6 + z < 19$

8) $10 \geq 5m$

9) $q - 3 \leq -9$

10) $v - 15 > -4$

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

12) $8b \geq 18$

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

$r \geq -25$

5) $a + 7 \leq 12$

$a \leq 5$

6) $c - 2 > 8$

$c > 10$

7) $6 + z < 19$

$z < 13$

8) $10 \geq 5m$

$m \leq 2$

9) $q - 3 \leq -9$

$q \leq -6$

10) $v - 15 > -4$

$v > 11$

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

$u < 78$

12) $8b \geq 18$

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