

Solving One-Step Inequalities

Answer Key

Solve each inequality.

1) $\frac{c}{8} < 15$

$$\underline{c < 120}$$

2) $r + 5 \leq 20$

$$\underline{r \leq 15}$$

3) $u - 6 < 11$

$$\underline{u < 17}$$

4) $4s < 13$

$$\underline{s < \frac{13}{4}}$$

5) $-q - 3 > 18$

$$\underline{q < -21}$$

6) $7 + b \geq 14$

$$\underline{b \geq 7}$$

7) $-p + 12 \leq 9$

$$\underline{p \geq 3}$$

8) $\frac{x}{2} \geq 19$

$$\underline{x \geq 38}$$

9) $10m > 17$

$$\underline{m > \frac{17}{10}}$$

10) $-2 + k \geq 16$

$$\underline{k \geq 18}$$

11) $7t > -11$

$$\underline{t > -\frac{11}{7}}$$

12) $\frac{a}{3} \leq -20$

$$\underline{a \leq -60}$$