

# Solving One-Step Inequalities

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Solve each inequality.

1)  $3x < 14$

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2)  $m - 9 > 11$

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

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4)  $n + 16 \leq 8$

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

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6)  $2z > 17$

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

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8)  $3 + k \leq 18$

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9)  $-1 + p < 15$

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10)  $13 > 6s$

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11)  $r - 5 \geq 19$

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12)  $c + 9 \leq -10$

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# Solving One-Step Inequalities

Answer key

Solve each inequality.

1)  $3x < 14$

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

2)  $m - 9 > 11$

$$\underline{m > 20}$$

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

$$\underline{a \geq 60}$$

4)  $n + 16 \leq 8$

$$\underline{n \leq -8}$$

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

$$\underline{b < 70}$$

6)  $2z > 17$

$$\underline{z > \frac{17}{2}}$$

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

$$\underline{v \geq 80}$$

8)  $3 + k \leq 18$

$$\underline{k \leq 15}$$

9)  $-1 + p < 15$

$$\underline{p < 16}$$

10)  $13 > 6s$

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

11)  $r - 5 \geq 19$

$$\underline{r \geq 24}$$

12)  $c + 9 \leq -10$

$$\underline{c \leq -19}$$