Name : _____   Score : _____

Solving One-Step Inequalities

Solve each inequality.

1) $x + 5 < 6$

2) $9x \geq 3$

3) $x - 2 > 4$

4) $\dfrac{x}{9} \leq 1$

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$8x < 6$

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7) $x - 10 \geq 2$

$x + 11 \leq 16$

10) $9x > 12$

11) $x - 15 \leq 1$

12) $\dfrac{x}{3} \geq 7$

Answer key

Solving One-Step Inequalities

ES1

Solve each inequality.

1) $x + 5 < 6$

   x < 1

2) $9x \geq 3$

   $x \geq \dfrac{1}{3}$

3) $x - 2 > 4$

   x > 6

4) $\dfrac{x}{9} \leq 1$

   x ≤ 9

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$8x < 6$

   $x < \dfrac{3}{4}$

7) $x - 10 \geq 2$

   x ≥ 12

$x + 11 \leq 16$

   x ≤ 5

10) $9x > 12$

   $x > \dfrac{4}{3}$

11) $x - 15 \leq 1$

   x ≤ 16

12) $\dfrac{x}{3} \geq 7$

   x ≥ 21