

Name : _____

Score : _____

Solving Two-Step Inequalities

ES1

Solve each inequality.

1) $2x + 5 > 13$

2) $\frac{x-4}{3} \leq 5$

3) $5x - 7 \geq 8$

4) $\frac{x}{2} + 4 < 7$

5) $9x - 3 > 6$

6) $11 + 3x \leq 17$

7) $4x - 12 \geq 8$

8) $3x + 7 < 9$

9) $\frac{x}{4} + 1 > 10$

10) $\frac{x-6}{4} \leq 2$

11) $7x - 3 > 18$

12) $3x + 1 \geq 7$

Name : _____

Answer key

Score : _____

Solving Two-Step Inequalities

ES1

Solve each inequality.

1) $2x + 5 > 13$

$x > 4$

2) $\frac{x-4}{3} \leq 5$

$x \leq 19$

3) $5x - 7 \geq 8$

$x \geq 3$

4) $\frac{x}{2} + 4 < 7$

$x < 6$

5) $9x - 3 > 6$

$x > 1$

6) $11 + 3x \leq 17$

$x \leq 2$

7) $4x - 12 \geq 8$

$x \geq 5$

8) $3x + 7 < 9$

$x < \frac{2}{3}$

9) $\frac{x}{4} + 1 > 10$

$x > 36$

10) $\frac{x-6}{4} \leq 2$

$x \leq 14$

11) $7x - 3 > 18$

$x > 3$

12) $3x + 1 \geq 7$

$x \geq 2$