

Student Name: _____

Score: _____

Solve for x

$$2x + 7 < x - 4$$

$$\frac{3x + 4}{x - 7} \geq -2$$

$$4(x + 3) - 2x > \frac{x}{2}$$

$$\frac{1}{x + 3} < \frac{3}{2}$$

$$9x - 8 \leq 2(x - 4)$$

$$\frac{x}{2} + \frac{3x}{4} \geq 5$$

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Answers

$$2x + 7 < x - 4$$

$$x < -11$$

$$\frac{3x + 4}{x - 7} \geq -2$$

$$x > 2$$

$$4(x + 3) - 2x > \frac{x}{2}$$

$$x > -8$$

$$\frac{1}{x + 3} < \frac{3}{2}$$

$$x > -\frac{7}{3}$$

$$9x - 8 \leq 2(x - 4)$$

$$x \leq 0$$

$$\frac{x}{2} + \frac{3x}{4} \geq 5$$

$$x \geq 4$$