

Student Name: _____

Score: _____

Solve for x

$$|2x + 5| > 9$$

$$|5x - 1| \leq 4$$

$$\left| \frac{-x}{8} \right| \geq 2$$

$$\frac{2|x|}{3} > 5$$

$$|2x - 3| + 5 < 8$$

$$\frac{|1 - 4x|}{3} < -2$$

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Answers

$$|2x + 5| > 9$$

$$x > 2 \text{ or } x < -7$$

$$|5x - 1| \leq 4$$

$$x \leq 1 \text{ or } x \geq -\frac{3}{5}$$

$$\left| \frac{-x}{8} \right| \geq 2$$

$$x \leq -16 \text{ or } x \geq 16$$

$$\frac{2|x|}{3} > 5$$

$$x > \frac{15}{2} \text{ or } x < -\frac{15}{2}$$

$$|2x - 3| + 5 < 8$$

$$x < 3 \text{ or } x > 0$$

$$\frac{|1 - 4x|}{3} < -2$$

No solution