

Solving Multi-Step Inequalities

DS2

Solve each inequality.

1) $\frac{1}{2-x} \leq \frac{1}{2x+1}$

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

3) $\frac{x}{2} + \frac{x}{3} \geq \dots$

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5) $\frac{6x-3}{2x+1} > 1$

- 40)

7) $\frac{1}{2}(x-5) < x-2$

8) $\frac{2}{x-4} < \frac{1}{x+5}$