

**Solving Multi-Step Inequalities**

DS3

Solve each inequality.

1)  $\frac{2x}{7} - \frac{x}{3} \geq 1$

2)  $\frac{3}{x-2} > \frac{1}{x+4}$

3)  $\frac{1}{3-2x} \geq \frac{1}{4}$

$\frac{7}{3}$

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5)  $7 - 11x \leq 2$

$\frac{3}{3}$

7)  $\frac{9x+2}{x+2} > 5$

8)  $x+1 < \frac{3x+8}{2}$