

**Solving Multi-Step Inequalities**

MS3

Solve each inequality.

1)  $6(5 - 4x) \leq 3x$

2)  $9 < \frac{5x + 2}{3}$

3)  $\frac{2x}{3} \geq -5 - x$

5)  $2 - 2x > 4x$

7)  $2x - \frac{3}{2} < 6x$

8)  $6x - 3 > \frac{7x}{2}$

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**Solving Multi-Step Inequalities**

MS3

Solve each inequality.

1)  $6(5 - 4x) \leq 3x$

$x \geq \frac{10}{9}$

2)  $9 < \frac{5x + 2}{3}$

$x > 5$

3)  $\frac{2x}{3} \geq -5 - x$

$x$

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$-1$

5)  $2 - 2x > 4x$

$x$

$10$

7)  $2x - \frac{3}{2} < 6x$

$x > -\frac{3}{8}$

8)  $6x - 3 > \frac{7x}{2}$

$x > \frac{6}{5}$