

**Solving Multi-Step Inequalities**

ES2

Solve each inequality.

1)  $x + \frac{2x}{3} \leq 10$

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

3)  $2(3x + 4) <$

5)  $\frac{5x}{6} - 7 \leq 15$

7)  $\frac{2x - 5}{7} > 3$

8)  $\frac{8x + 14}{3} \geq 7$

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**Solving Multi-Step Inequalities**

ES2

Solve each inequality.

1)  $x + \frac{2x}{3} \leq 10$

$x \leq 6$

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

$x > 25$

3)  $2(3x + 4) <$

 $x$ 

$\frac{13}{4}$

5)  $\frac{5x}{6} - 7 \leq 15$

 $x$ 

$\frac{1}{6}$

7)  $\frac{2x - 5}{7} > 3$

$x > 13$

8)  $\frac{8x + 14}{3} \geq 7$

$x \geq \frac{7}{8}$

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