

**Solving Multi-Step Inequalities**

Decimals: S1

Solve each inequality.

1) 
$$\frac{1}{x + 2.3} \leq \frac{3}{x - 4.1}$$

2) 
$$9.3 - 6x \leq 4(x + 13.8)$$

3) 
$$8x + 10.2 < \frac{1}{9}$$

5) 
$$\frac{5.6}{x - 2} > \frac{3}{x + 1}$$

7) 
$$15x + 16.5 < 10x + 2.4$$

8) 
$$\frac{7x + 3.9}{x + 8.2} > 5$$

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