

Solve the following equations or inequalities for x :

1. $p + 2x = q - x$

5. $k(x + a) + b = m(x - c) + d$

2. $\frac{x}{a} + \frac{b}{c} = \frac{d}{e}$

6. $ax - b \leq cx + d$

3. $ax + b = cx + d$

7. $\frac{2x + 3}{5} \leq \frac{4 - 3x}{4}$

4. $\frac{kx + b}{m} = \frac{nx + c}{p}$

8. $ax + b > 2x - 5$