AP PRE-CALC : LINEAR EQUATIONS / INEQUALITIES TIME : 8 Min, 25 Sec

Instructions : Solve each linear equation / inequality.

① $5x - (2x - 10) = 35$

② $2(x - 1) + 3 = x - 3(x + 1)$

③ $\frac{x + 1}{3} = 5 - \frac{x + 2}{7}$

④ $\frac{3x}{5} - \frac{x - 3}{2} = 2$

⑤ $10(2x - 4) = 5(4x - 7)$

⑥ $\frac{3}{x} = \frac{5}{x - 1}$

⑦ $5x - 4 \geq 2x + 11$

⑧ $\frac{-3}{2}x + 1 < 7x - 3$