Do you need an LCD?

For each problem, determine if an LCD is needed to solve the problem.

- ✓ If NO... cross out the problem.

- ✓ If YES ... determine the LCD.

Do NOT solve the problems!

$\dfrac{x-1}{x} - \dfrac{2x+3}{x+1}$

LCD = _____

$\dfrac{1-x}{3x+5} \bullet \dfrac{12x^2 + 20x}{x^2 - 16}$

LCD = _____

$\dfrac{8x^2}{4x+16} \bullet \dfrac{x+2}{2x}$

LCD = _____

$\dfrac{3x^3 - 2x^2 - 5x}{x+7} \div \dfrac{x^2 - 1}{x^2 + 6x - 7}$

LCD = _____

$\dfrac{x-3}{x+2} - \dfrac{3x+6}{2x-4}$

LCD = _____

$\dfrac{-10x}{8x^3 - 125} - \dfrac{x+9}{6x-15}$

LCD = _____

$\dfrac{\dfrac{x^2 + 6x - 16}{x+5}}{\dfrac{x^2 - 25}{x+8}}$

LCD = _____

$\dfrac{3}{x^2 - 9} + \dfrac{9}{x+3}$

LCD = _____

$\dfrac{3}{5x+15} + \dfrac{x+3}{x+5}$

LCD = _____

$\dfrac{2x^2 + 7x + 6}{x^2 - 3x - 10} \div \dfrac{x+1}{5-x}$

LCD = _____