SLOT 12-10-19

Solve each rational equation. Factor each denominator before deciding what the LCM is.

1. $\frac{n+3}{n} - \frac{n+2}{n+5} = \frac{1}{n}$

2. $\frac{11}{3x} - \frac{1}{3} = \frac{-4}{x^2}$

SLOT 12-11-19

Solve each of the following eqns. Factor denoms before deciding the LCM. Check for extraneous solutions.

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

2. $\frac{5n-6}{3n^2-9n} + \frac{1}{3n} = \frac{n+3}{3n}$

SLOT 12-12-19

Solve each of the following eqns. Factor denoms before deciding the LCD.

1. $\frac{x-3}{2x-4} = \frac{x}{x-2} + 2$

2. $\frac{4}{3x+3} = \frac{12}{x^2-1}$

SLOT 12-13-19

Find the LCM & solve. Ck for extraneous sol'ns

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

2. $\frac{m}{m+5} = \frac{14}{m^2-25}$