







Solve: Solve: $\frac{2}{k} \frac{6}{6} = \frac{5}{2k} \frac{1}{3} \frac{1}{6} \frac{2}{5} \frac{1}{6} \frac$ $(\chi) = -5(3) - 1(2\chi)$ 2(6) $\xi = 6 \frac{6x}{6} = 1 \frac{6x}{2x} = 3 \frac{6x}{3} = 2x$ -X = 19 - 2/(+2) + 2X - 12 + 2X

Solve the rational equation algebraically pg. 504 X # 7, 3 $\frac{x^2 - 29}{x^3 - x^2 - 21} = \frac{6}{x - 7} + \frac{5}{x - 3}$ (X-7)X-3) L(D:(x-7)(x-3)) $\frac{X^{2}-29}{(x^{2})(x^{2})} = \frac{6}{(x^{2})(x^{2})} + \frac{5}{x^{2}} \cdot (x^{2})$ $X^{2}-29 = (G(X-3) + 5(X-7))$ X2-29=6x-18-15x -35 $\chi^2 - 29 = 11\chi - 55$ -11x +53 -11x +53 X' - 11x + 24 = 0(x-3)(x-8)=0 $X = \frac{1}{100} \frac{1}{100}$



