KATIONAL FUNCTIONS * Simplify Complicated Rational expressions SIMPLIFY. * Solve rational egs. + inequalities 4x2 (x+3)-2-24x (x+3)-1+12 $(\chi + 3)^3$ 4x(x+3)2 [x-6(x+3)] $(x+3)^{3+2}$ 4x[x-6x-18] (x+3)S 4x [-5x-18] $(\chi +3)^{5}$ -4x (5x+18) (X+3/2

$$\frac{6(2x+5)^{3}(4x-7x^{2})^{-1/4}(4-7x)-(4x-7x^{2})^{3/4}(10)(2x+5)^{2}}{[(2x+5)^{3}]^{2}}$$

$$\frac{2(2x+5)^{2}(4x-7x)^{-1/4}[3(2x+5)(4-7x)-5(4x-7x^{2})]}{(4x-7x)^{1/4}(2x+5)^{6-2}}$$

$$2\left[3\left(\frac{14x^{2}-27x+20}{8x-14x^{2}+20-35x}\right)-20x+35x^{2}\right]$$

$$\frac{(4x-7x^{2})^{1/4}(2x+5)^{4}}{2\left[-42x^{2}-81x+60-20x+35x^{2}\right]}$$

$$\frac{(4x-7x^{2})^{1/4}(2x+5)^{4}}{2\left[-7x^{2}-101x+60\right]}$$

$$\frac{(4x-7x^{2})^{1/4}(2x+5)^{4}}{2\left[-7x^{2}-101x+60\right]}$$

Solving Rational Equations & Incorporations

$$\frac{2}{2} \frac{1}{2} \frac{1}{2$$

