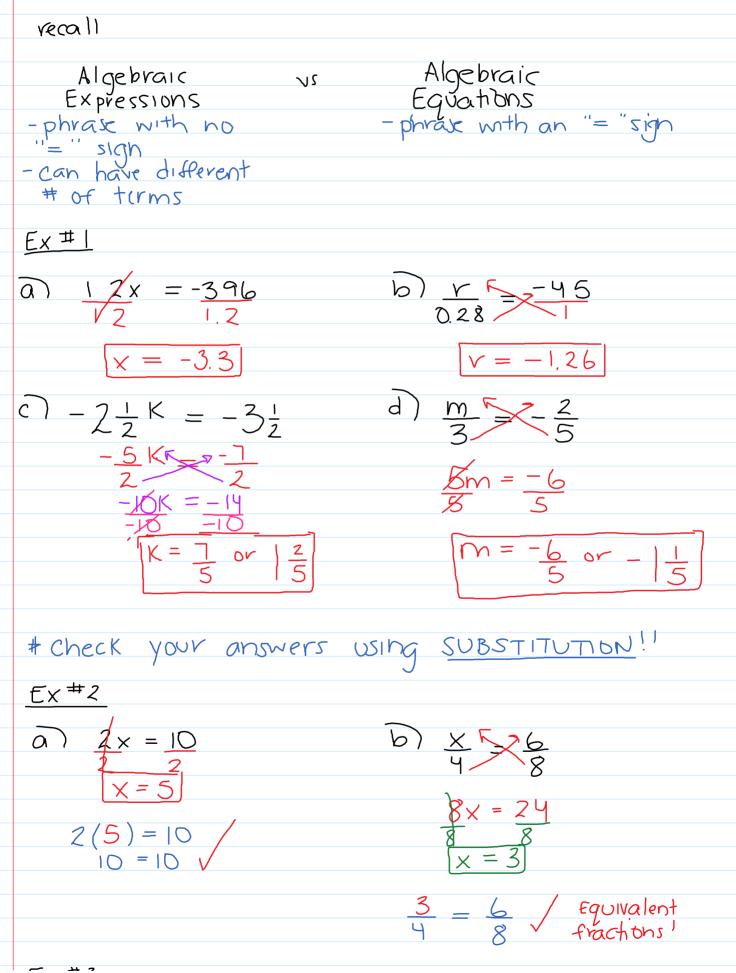
CHAPTER #8 Linear Equations

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8 V fractions' Υ Ex #3 b) $\frac{t-1}{5} = \frac{3}{2}$ $\frac{t}{5} - \frac{1}{5} = \frac{3}{2} + \frac{1}{5} + \frac{2}{5}$ $+ \frac{1}{5} + \frac{15}{5} + \frac{2}{10}$ $\frac{t}{5} = \frac{15}{10} + \frac{2}{10}$ $+ \frac{17}{5} = \frac{17}{5} + \frac{2}{10}$ a) $\frac{1}{5}(x-15) = -4$ $+ = \frac{85}{10} = \frac{17}{2} = 8\frac{1}{2}$ $\left(\frac{+-1}{5}\right)^{\times 5} = \left(\frac{3}{2}\right)^{\times 5}$ $2 \times (+-1) = (15) \times 2$ $\frac{2}{2} \frac{x+1}{7} = \frac{3}{4}$ $\frac{x}{2} + \frac{x}{2} = \frac{3}{4} - \frac{1}{2} \frac{2}{2}$ 2(t-1) = 15 $-\frac{1}{2} \quad \frac{3}{4} \quad \frac{2}{4}$ 2 + -2 = 15 $\frac{1}{2} + \frac{1}{4}$ $\frac{1}{2} + \frac{1}{4}$ $\frac{2+z}{2} = \frac{11}{2}$ $\frac{1+z}{2} = \frac{17}{2}$ or $\frac{81}{2}$ $\frac{X}{2} = \frac{1}{2}$ $4\left(\frac{\chi+1}{2}\right) = \left(\frac{3}{4}\right)^{\chi}$ $\frac{c}{X} = \frac{1}{2}$

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 $X = \frac{1}{2}$ E×#4 $a_{1}b_{1}(2x-1) = \frac{1}{7}(3x+1) \times 6$ $\frac{6}{2}(2x-1) = \frac{6}{7}(3x+1)$ 2(2x-1) = 3(3x+1)4x - 2 = 9x + 3-9x + 2 - 79x + 2 -5x = 5× - - | b) $\frac{X^2}{22} - \frac{3}{23} = \frac{1}{6} - \frac{X}{16}$ $\frac{2x}{6} - \frac{9x}{6} = \frac{1}{6} - \frac{6x}{6}$ $\frac{-7x}{6} = \frac{1}{6} - \frac{1}{6}x$ $+\frac{6x}{6} + \frac{6x}{6}$ $-\frac{1x}{6} = \frac{1}{6}$ $\frac{-1}{-1} = \frac{1}{-1}$ X = -1pg 327 #6-12,23,27-30