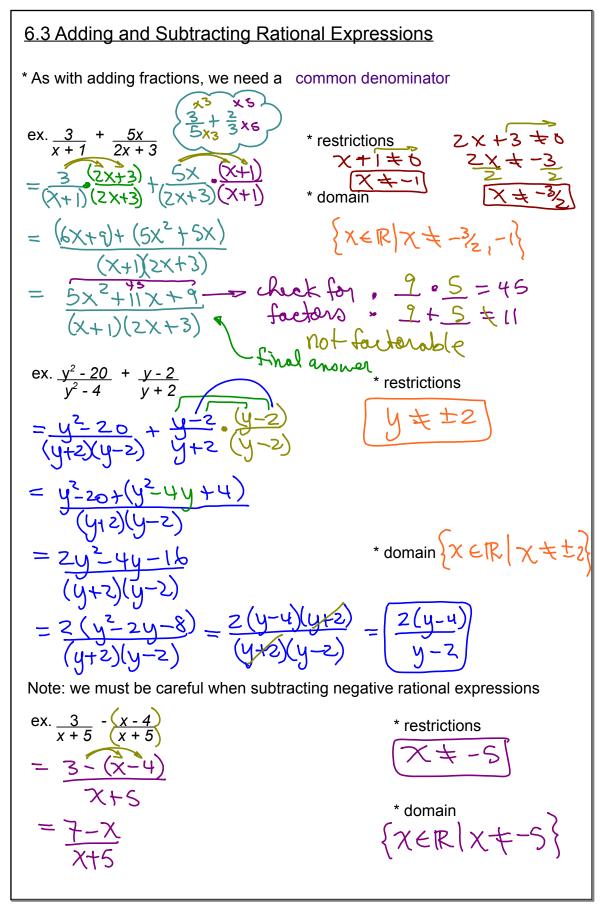
April 30, 2019

$$\begin{cases} k \\ 8d \end{pmatrix} \frac{10 k^{2} + 55 k + 75}{20k^{2} - 10 k - 150} = 5 \cdot 6 = 30 \\ 5 + 6 = 11 \\ = 5 (2k^{2} + 11 k + 15) = 4(2k^{2} + 5k) + (6k + 15) \\ 10 (2k^{2} - k - 15) = k(2k+6) + 3(2k+5) \\ = 5 (2k+5)(k+3) = (2k+5)(k+3) \\ 10 (2k+5)(k-3) = 2k+50 k - 3 + 0 \\ = \frac{k+3}{2(k-3)} = \frac{k+3}{2(k+3)} = \frac{k+3$$



ex.
$$5x - 7x + 1$$

 $x + 1 - x - 1$
 $= 5x + 7 - 1 - (+x + 1) + (x + 1)$
 $= 5x + 7 - 1 - (+x + 1) + (x + 1)$
 $= 5x + 7 - 1 - (+x + 1) + (x + 1)$

Homefun: pg. 336 #3, (6-12, 15)ace, 16, 18, 20, 23