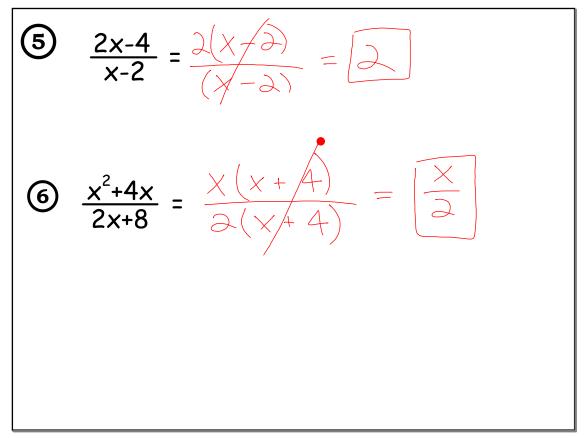
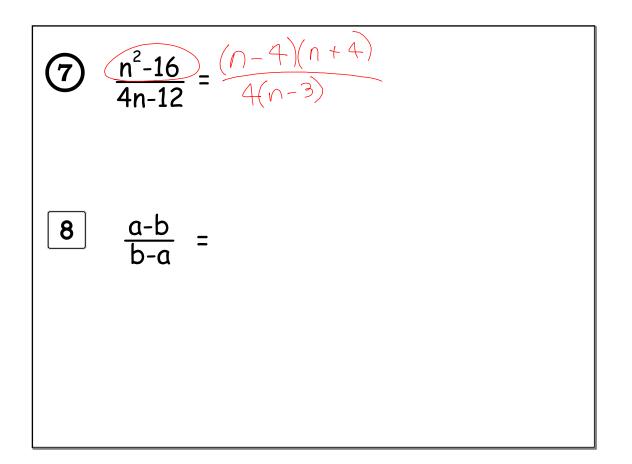
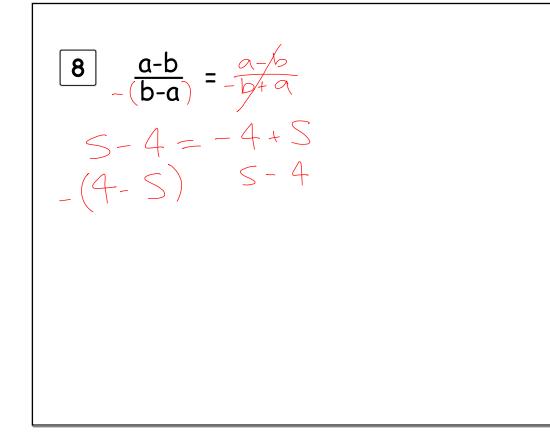


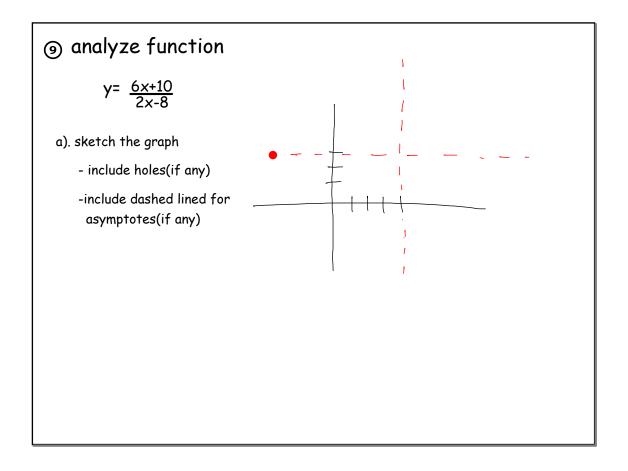
$$(3)_{10}^{-7} - \frac{70x^{2}y}{100xy^{3}} = \frac{-7x}{10y^{2}}$$

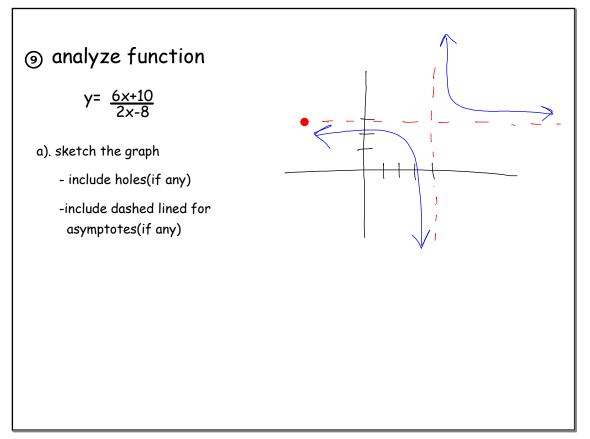
$$(4) \quad \frac{3(x-5)(5x+1)}{15(x-5)} = \frac{3(5x+1)}{515} = \frac{(5x+1)}{5}$$

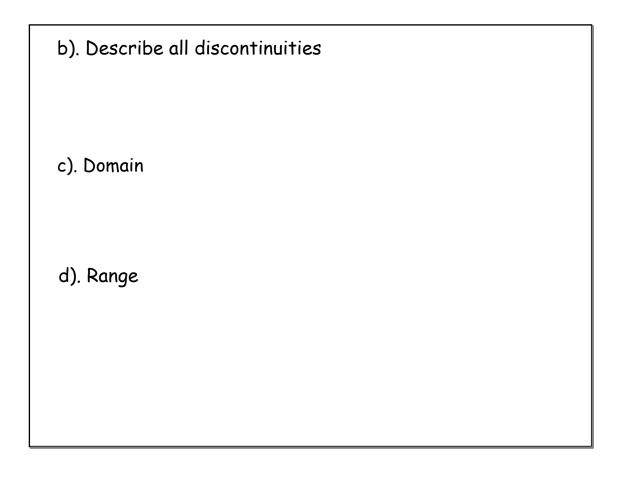


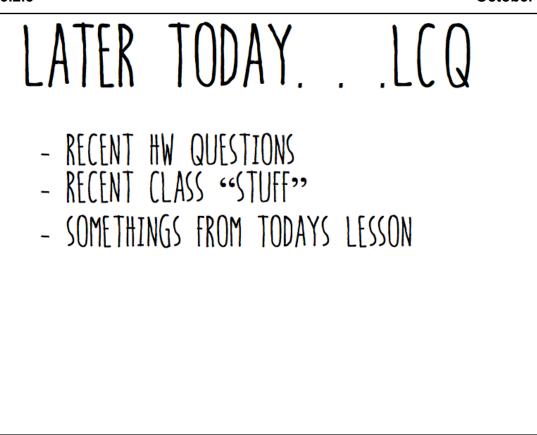


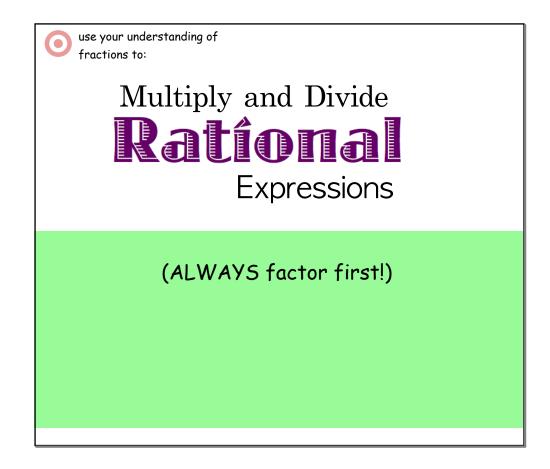


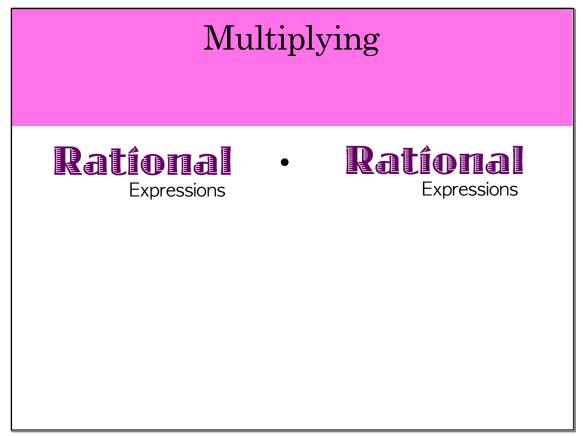


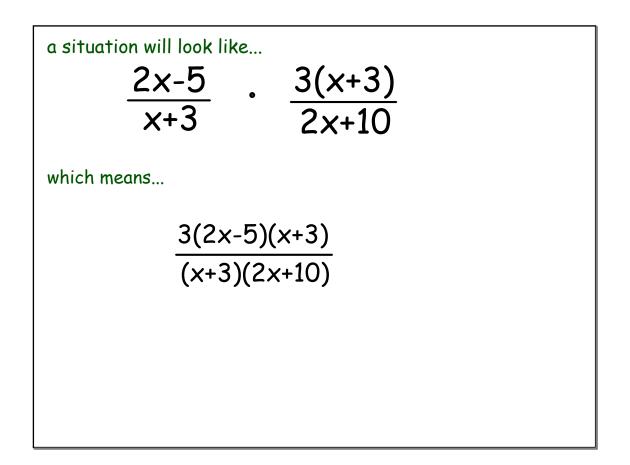




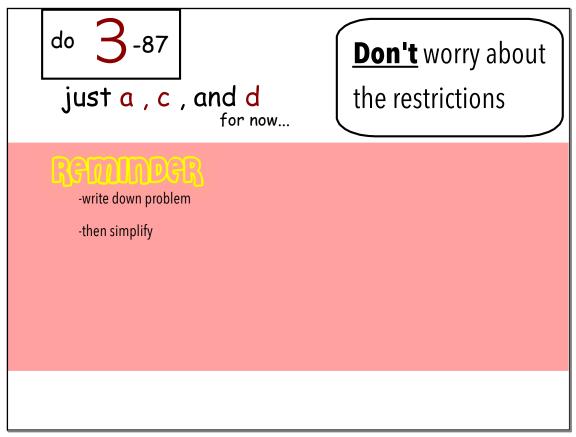


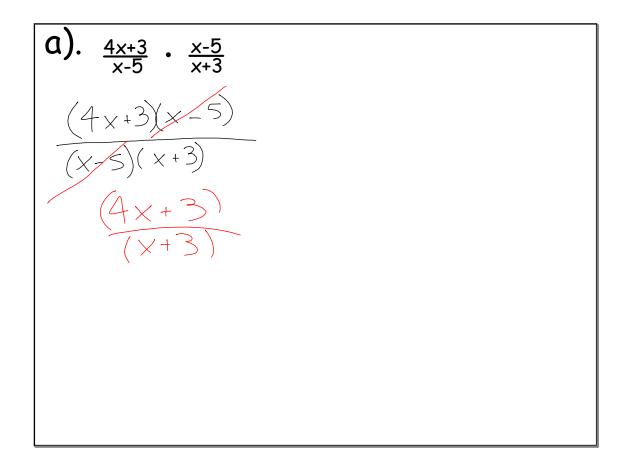


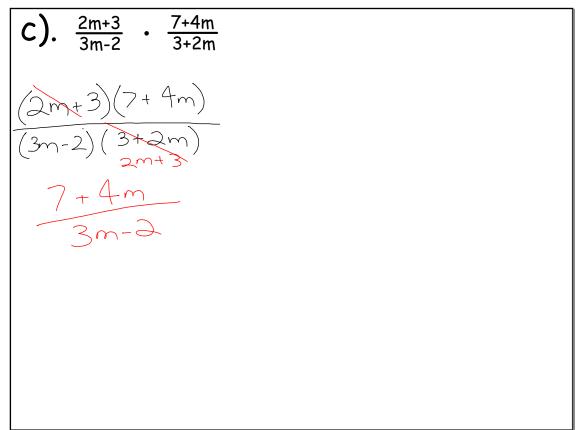


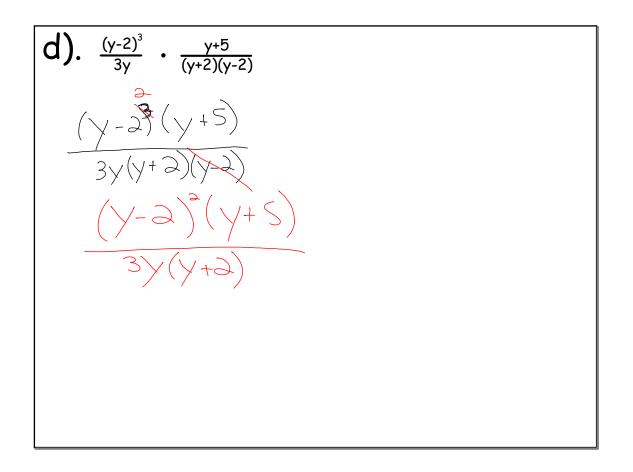


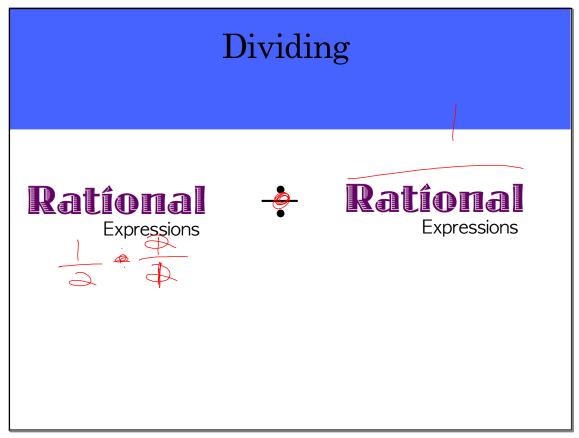
Notes from 3.2.3

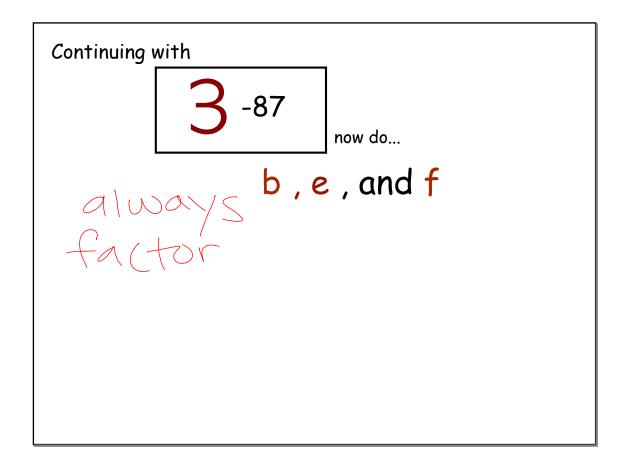












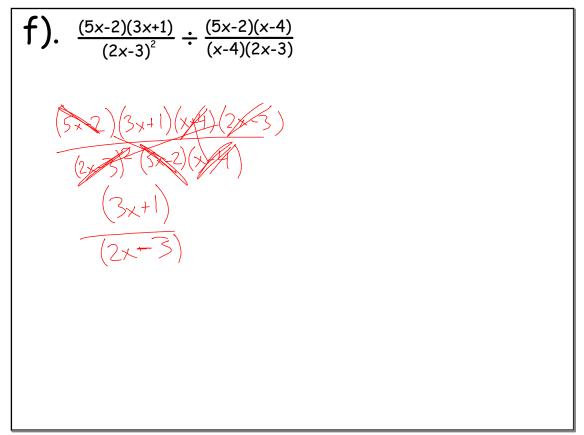
b).
$$\frac{x+2}{9x-1} \div \frac{2x+1}{9x-1}$$

 $\frac{x+2}{9x-1} \cdot \frac{9x-1}{2x+1} = \frac{x+2}{2x+1}$

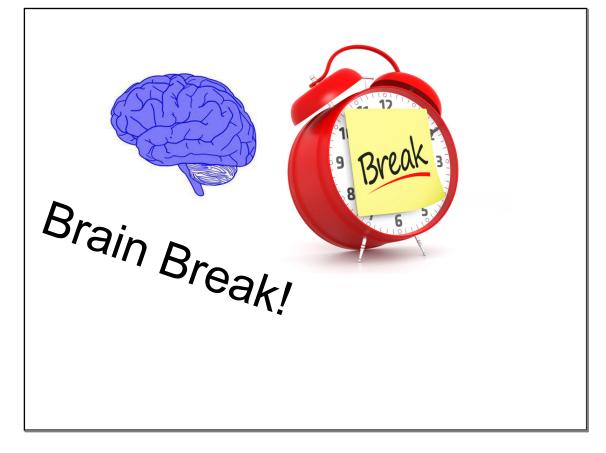
$$e). \frac{15x^{3}}{3y} \div \frac{10x^{2}y}{4y^{2}}$$

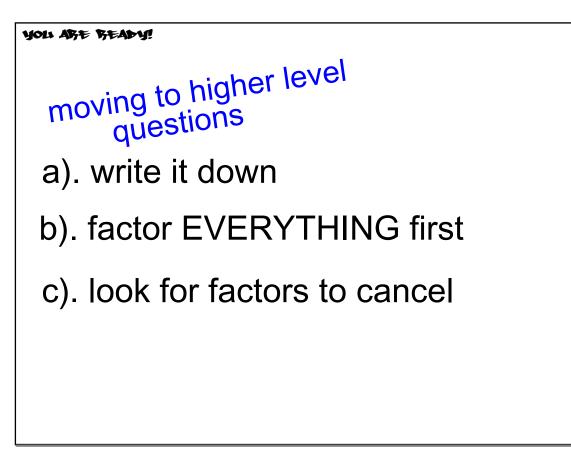
$$\frac{5x^{2}}{3y} \cdot \frac{4y^{2}}{10x^{2}y} = \frac{(15x^{3})(4y^{2})}{(3y)(10x^{2}y)} = \frac{2}{10x^{2}y^{2}} = 2x$$

$$\frac{x^{3}}{x^{2}} = x$$

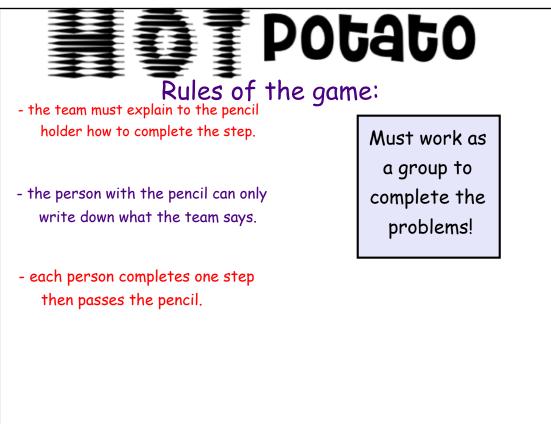


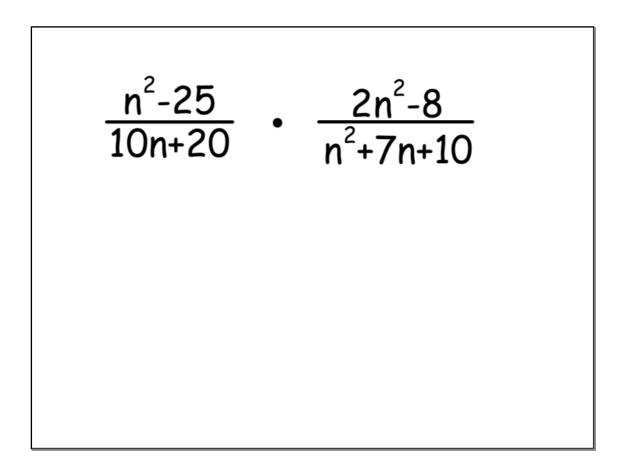
f).
$$\frac{(5x-2)(3x+1)}{(2x-3)^2} \div \frac{(5x-2)(x-4)}{(x-4)(2x-3)}$$
 no canceling factors if \div
$$\frac{(5x-2)(3x+1)}{(2x-3)} \bullet \frac{(x-4)(2x-3)}{(5x-2)(x-4)}$$
$$\frac{(5x-2)(3x+1)(x-4)(2x-3)}{(3x-3)(5x-2)(x-4)} = \frac{3x+1}{2x-3}$$

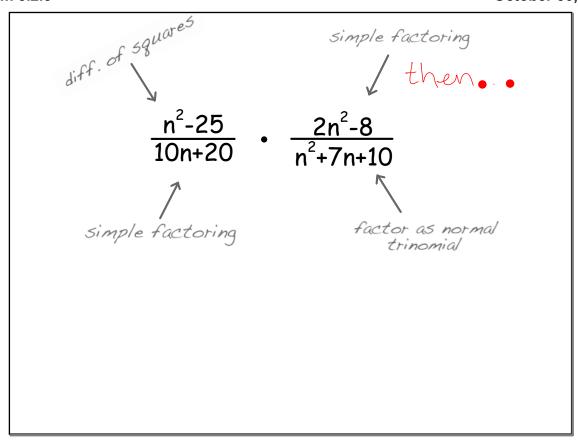


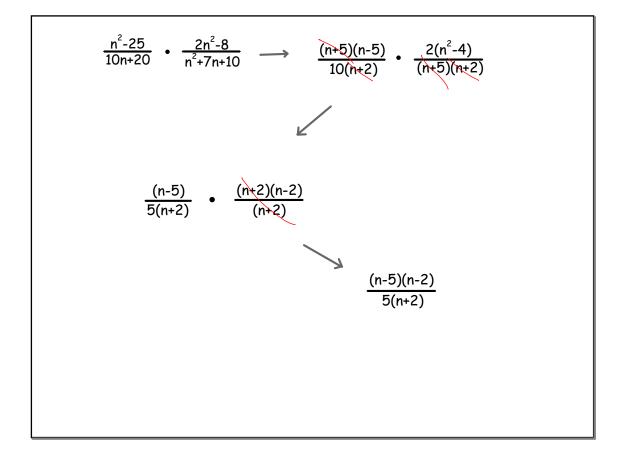


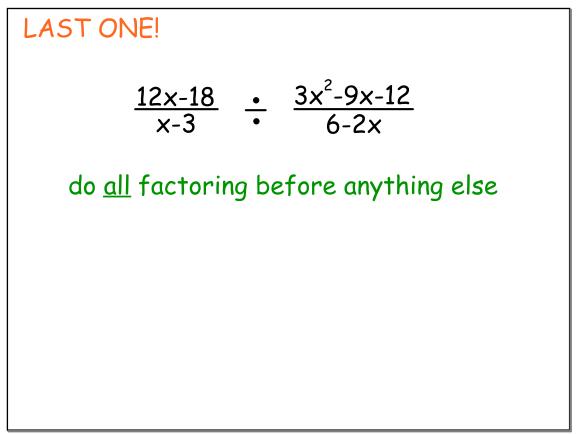
Notes from 3.2.3

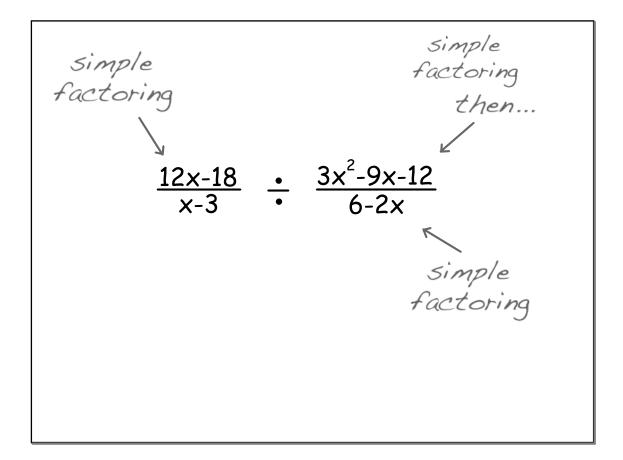












Notes from 3.2.3

