

Written HW5 – MATH 1430 Fall 2022

1. Add and simplify (if possible to simplify)

$$\frac{2}{x+3} - \frac{1}{x+2}$$

2. Add and simplify

$$\frac{3}{x-2} + \frac{2x-13}{x^2-x-2}$$

3. Multiply

$$\frac{5y^2-3y-14}{y-3} \cdot \frac{y^2-11y+24}{y-2}$$

4. Divide

$$\frac{y^2-6y+8}{y+9} \div \frac{y^2+4y-32}{y+9}$$