Kerry Ojakian's MTH 28 Class
Class Assignment #12

1. Simplify. $\dfrac{\dfrac{1}{x} + \dfrac{1}{x^2}}{\dfrac{1}{x} - \dfrac{1}{x^2}}$

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2. Simplify. $\dfrac{\dfrac{2}{x} + \dfrac{2}{y}}{\dfrac{1}{x^2} - \dfrac{1}{y^2}}$

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3. Simplify. $\dfrac{4 + \dfrac{4}{x-5}}{\dfrac{1}{x-5} + \dfrac{x}{4}}$

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4. Simplify. $\dfrac{\dfrac{1}{x} + \dfrac{x}{y}}{\dfrac{y}{x} - \dfrac{1}{y}}$

5. Simplify. $\dfrac{x - \dfrac{2x}{x+3}}{\dfrac{1}{x+3} + \dfrac{1}{x-3}}$