

Kerry Ojakian's MTH 28 Class
Class Assignment #11

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

2. Simplify. $\frac{5x}{x-3} - \frac{15}{x-3}$

3. Simplify. $\frac{3x}{x^2+4x+3} - \frac{x-2}{x^2+4x+3}$

4. Simplify.
 $\frac{5}{x^2+5x+6} + \frac{2}{x+2}$

5. Perform the operation and simplify: $\frac{5x}{x+5} + \frac{6x}{x^2+4x-5}$.

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

7. Simplify. $\frac{1}{x} - \frac{3x-2}{x+3}$

8. Simplify. $\frac{x-2}{x+3} + \frac{x+1}{x-2}$

9. Simplify. $\frac{1}{x-1} - \frac{1}{x+1}$

10. Simplify. $\frac{5}{x+4} + \frac{3x-12}{x^2-16}$

11. Simplify. $\frac{2}{x+3} + 2$

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

13. Simplify. $\frac{x+2}{x^2+4x-5} + \frac{x-12}{x^2-25}$

14. Simplify. $\frac{2}{x-3} - \frac{4}{3-x}$
