

# MTH 28 LECTURE NOTES (Ojakian)

## Topic 12: Complex Rational Expression

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### OUTLINE

References: 7.3

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#### 1. Simplify Complex Rational - Clearing Fractions

- (a) Factor any expressions you can.
- (b) Find the LCM (i.e. LCD) of ALL bottoms.
- (c) Multiply Top and Bottom by this LCM (do not forget to distribute!)
- (d) Simplify the result (cancel any common factors in the top and bottom)

#### 2. Problems

Section 7.3: 157, 158, 159, 161, 162, 163, 164, 175, 176, 180, 181