

Math-19 Lab #2

1). Prime factorization/LCM/LCD

- a). Perform a prime factorization for the value 126.
- b). Perform a prime factorization for the value 330.
- c). What is the least common multiple (LCM) of 126 and 330?
- d). What is the least common denominator (LCD) for $\frac{5}{126}$ and $\frac{7}{330}$.
- e). Evaluate: $\frac{5}{126} + \frac{7}{330}$
- f). Perform a prime factorization of the resulting numerator.
- g). Cancel common factors in the numerator and denominator to get the final answer.
- h). Evaluate: $\frac{5}{126} - \frac{7}{330}$
- i). Perform a prime factorization of the resulting numerator.
- j). Cancel common factors in the numerator and denominator to get the final answer.

2). Section 1.1 Problems 39-66 odd