

I. Arithmetic w/Rational Expressions, Part 2:

1. Addition & Subtraction (w/common denominator) –

$$A. \frac{a}{d} \pm \frac{b}{d} = \frac{a \pm b}{d}$$

- B. Examples (p.426): ~~Exercise #6,12~~ (see 10/22 Notes)

2. Least Common Denominator, LCD (p.420):

A. simplest expression divisible by each polynomial

B. Examples (p.427): Exercise #18-28(even)

3. Addition & Subtraction (w/different denominators) –

$$A. \frac{a}{c} \pm \frac{b}{d} = \frac{? \pm ?}{\text{LCM}(c,d)} \leftarrow \text{LCD}$$

- B. Examples (p.427): Exercise #32,38,48,54

HW: p.427 / Exercises #17-31(odd),37,41,45,47,53

Read pp.430-435 (section 6.3)