I. Polynomial Arithmetic:

✔ A. Add & Subtract (5.4): combine like terms

✔ B. Multiply (5.5-5.6): distributive property

C. Division (5.7): simplify fractions (using exponent properties) and long division

II. Multiplication Examples (p.358):
Problems #2,**4**,8,**16**,22,24-70(even)

III. Polynomial Multiplication Schemes:

A. Distributive Property

B. General Rule (p.353): multiply every term in the 1st factor by each term in the 2nd

III. *Continued, from page 1...*

C. FOIL (p.354): general rule applied to binomials...

$$(a + b)(c + d) = ac + ad + bc + bd$$

First Outer Inner Last

D. Examples (p.358): Problems #36,**62**

IV. Review Examples (p.360): Problems #88,90,92

HW: pp.358-360 / Problems #11-33(odd/omit#19&31), 35-71(every other odd),93

Read pp.361-363 (section 5.6)