I. Course Intro: see handout/checklist

II. Terminology (p.2): product, quotient, ratio

III. Exponents (p.4):
   \[ b^n = \underbrace{b \times b \times b \times \ldots \times b \times b}_{(\text{“n” factors of “b”})} \]
   e.g., \( 5^4 = \underline{\text{______________}} \)
       \[ = \underline{\text{______}} \]

IV. Real Numbers (pp.6-8):
   Natural Numbers = \{1, 2, 3, \ldots\}
   Whole Numbers = \{0, 1, 2, 3, \ldots\}
   Integers = \{\ldots, -3, -2, -1, 0, 1, 2, 3, \ldots\}
V. Absolute Value (p.15):
\[ |x| = \text{distance from zero (on real # line)} \]

VI. Arithmetic Properties (pp.18-23):
\[ a - b = a + (-b) \]
\[ -(\cdot x) = \underline{____} \]
\[ a - (-b) = a + b \]
\[ a(b \pm c) = ab \pm ac \quad \text{distributive property} \]

VII. Order of Operations (p.21): P E M D A S

VIII. Examples (pp.27-28):
Exercises #96,100;22,34
Exercises #112,114,118,122

HW: intro checklist (website), text & calculator