Mastery Packet #1

Topics included in this packet are:
- ✓ Working with Integers
  - o Add, subtract, multiply and divide
  - o Absolute Value
- ✓ Divisibility of Numbers
  - o Working knowledge of the divisibility patterns and how to apply them
  - o Factoring
- ✓ Order of Operations
  - o What does PEMDAS *really* mean?
  - o Using the Order of Operations in multiple contexts
- ✓ Rates and Ratios
  - o Basic fraction review
  - o Using ratios to solve problems
- ✓ Working with Variables
  - o What is a variable?
  - o Evaluating expressions for a given value of a variable
  - o Translating words to expressions with a variable

<u>Grading:</u>

Integers	____ / 40
Divisibility	____ / 20
Order of Ops	____ / 20
Rates and Ratios	____ / 30
Variables	____ / 40