

# Math 6-7



## Accentuate the Negative

### Math 6-7 Curriculum

#### Power Objectives

**P.O.#2:** Add, subtract, multiply, and divide rational numbers. ([P.O. #2 Proficiency Rubric](#))

**P.O.#4:** Solve problems using numerical and algebraic expressions and equations. ([P.O. #4 Proficiency Rubric](#))

#### Academic Vocabulary

- ☐ integer
- ☐ commutative property
- ☐ associate property
- ☐ algorithm
- ☐ number sentence
- ☐ absolute value
- ☐ numerical expression
- ☐ algebraic expression

- ☐ additive inverse
- ☐ exponent
- ☐ rational
- ☐ irrational
- ☐ difference
- ☐ inverse
- ☐ terminating
- ☐ distributive property

- ☐ opposites
- ☐ ordered pair
- ☐ expanding
- ☐ factor
- ☐ convert
- ☐ identify
- ☐ represent
- ☐ explain
- ☐ quadrants I, II, III, IV

#### Enduring Understandings

*Students understand that...*

- There is a relationship between a positive or negative number and its opposite.
- Negative numbers are needed for everyday situations.
- Certain key terms refer to positive numbers and certain key terms refer to negative numbers.
- There are relationships among numbers and number systems.
- We can compare numbers fluently and make reasonable estimates.

#### Essential Questions

- If we learned that zero was the lowest possible value, how can any number have a value less than zero?
- Why do we need negative numbers?
- How can I use and notate negative numbers?
- How does language dictate mathematical processes?
- What does it mean to find the absolute value of a number?
- Why is it necessary to follow the Order of Operations?

