WHOLE NUMBERS & DECIMALS

QUICK WRITES

- How would you explain to someone how to compare whole numbers or put them in order?

- Why is it important to align the decimal points when comparing numbers?

- What is the difference between adding & subtracting whole numbers versus decimals?

- Explain in detail how you would multiply 1.2 x 45.

- How are you able to use "mental math" with powers of 10?

- Would you consider powers of 10 a short cut? Why or why not?

- Come up with your own mnemonic to remember the metric system

  (ex: **K**ing **H**enry **D**ied **B**y **D**rinking **C**hocolate **M**ilk).

Picture the Word

- Students must define the word and then provide a pictorial representation and sentence using the word.

VOCABULARY

- **Vocabulary Terms**: base, exponent, power

Writing Activities

Sequencing

- Flow charts are provided, but may be modified to best fit the concept being mapped. Students may wish to create their own flow charts, or include an example problem to help visualize the steps involved.

    Use the graphic organizer to "sequence" adding or subtracting whole numbers and decimals.

    Use the graphic organizer to "sequence" multiplying whole numbers and decimals.

    Use the graphic organizer to "sequence" dividing whole numbers and decimals.

Example:

ADDING INTEGERS

Same Signs Different Signs	→	Add the numbers Subtract numbers	→	Keep the sign Keep the sign of the # with the largest absolute value.