

Math Journal - Chapter 3 - Decimals

- 3.01 Complete 5 of 19 Math6.org activities related to this lesson (3.1) **or** use sample problems from page 94-95 to create a lesson model. Write the instructions and show the solutions to represent, compare and order decimal numbers.
- 3.02 Estimation is supposed to be an easy thing to do, yet plenty of students refuse to or hate to estimate. Survey at least 10 students (not in sixth grade) and at least 5 adults concerning estimation. (easy, annoying, hard, never do). Present your data in an appropriate graph. (use multiplication to make your adult population equivalent to students surveyed)
- 3.03 Create a flow map (complete with example boxes) to model the process of addition or subtraction of decimals.
- 3.04 Many people use mnemonic devices to memorize things. My Very Eager Mother Just Served Us Nine Pizzas is a famous mnemonic device to assist with the order of the planets. Please Excuse My Dear Aunt Sally will help you to remember the order of operations. Make up a mnemonic device for the Metric roots. (don't steal - King Henry Died By Drinking Chocolate Milk!)
- 3.05 You are an advertising executive. The owners of Scientific Notation want more people to use Scientific Notation and have asked you to create a 30 second commercial to accomplish this goal.
- 3.06 Multiplying Decimals is a simple process, but it must be memorized. Create a flow map to show and model the process of multiplying decimals.
- 3.07 Write a "How To" paragraph that explains how a person could discover the thickness of one page in your text book.
- 3.08 No Entry - Complete Lesson Quiz
- 3.09 Create a word problem that requires the solution to be rounded up to the next whole number.
- 3.10 **Cheerleading:** Keeping the problem balanced while using inverse operations is the part of the process that most students fail to maintain. Create a poem, song or cheer to encourage your classmates to consider keeping a problem balanced.

General Scoring Rubric:

- 0 No Response
- 1 Wrong response
- 2 Weak response
- 3 Showed understanding
- 4 Showed understanding and cited an example
- 5 Showed understanding, cited examples and communicated effectively enough to enable others to understand.