

Math Journal - Chapter 5 - Computation with Fractions

- 5.01 Write a "How To" paragraph to explain how to multiply three fifths by two thirds using one of the 3 methods that you were shown today. Make sure to identify which method you are modeling.
- 5.02 Multiplying mixed numbers is easy - but not as easy as some students try to make it. Create a poster to remind your peers that you must convert mixed numbers into improper fractions before you multiply.
- 5.03 Create a flow map (with examples) to show the steps required to "divide" fractions.
- 5.04 No Entry - Use this time to make a final product for journal entry 5.2 or 5.3
- 5.05 Create a double bubble map to compare and contrast the list method with the prime factorization method for finding LCM. Write a "persuasion" paragraph to try to convince your peers that your favorite method is the best.
- 5.06 Create 2 models using problems 25 and 28 from text pages 238 and 239. Make sure to show the "rounded" version in a clear manner.
- 5.07 Create a demonstration (using fraction strips) to model the addition of four fifths and three sevenths.
- 5.08 No Entry - Complete Workbook page 5.8
- 5.09 When regrouping fractions, you need to pay special attention to the denominator. Use fraction strips (or pies) to show why $7\frac{1}{4}$ is regrouped as $6\frac{5}{4}$ rather than $6\frac{11}{4}$.
- 5.10 Cheerleading: Keeping the problem balanced while using inverse operations is the part of the process that most students fail to maintain. Create a (or improve your previous) poem, song or cheer to encourage your classmates to consider keeping a problem balanced. Come on students - think *High School Musical* or *Even Stevens - Influenza!*

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.