1. Number Talks
A. Read Number Strings: Developing Computational Efficiency in a Constructivist Classroom. Select one idea from the article that added to your thinking about Number Talks and the purpose of using a number string. Write a brief 1-2 paragraph reflection highlighting an idea from the article and how the idea added to your understanding of number strings. If possible, share an example of how a number string you tried influenced student understanding of a specific strategy.

B. Using the Number Talk book select ONE of the following:

1.) Read Chapter 5 of the Number Talk book. Pick one strategy that was new for you to think about. Select three of the suggested problems and work through them. One must be an expression using numbers other than whole numbers. Share how working through these problems helped you better understand the strategy and the property behind the strategy. Which suggested questions did you find useful in your exploration and why?

OR

2.) Read Chapter 5 of the Number Talk book. Pay close attention to p. 74 – 77 Connecting Arithmetic and Algebra. In what way have you noticed students using properties when engaging in Number Talks? How have you been able to highlight the algebraic thinking students are doing when engaged in Number Talks?

Multiplicative Thinking – Practice 2
Reread Grade 4 Making Multiplicative Comparisons (p.43-44) in the Small book. Focus on the Good Questions to Ask at the bottom of p. 43.

- Select two of the bottom three questions from the list. (We did the top two questions in class.) Show your solution and explain your thought process as you solved the problem.
- For each problem, answer this question: What more did you learn about Multiplicative Comparisons by solving this problem?
- If you are struggling, go ahead and reuse the same questions we did in class but with different numbers.

Submit them on a piece of paper. They don’t need to be typed up. They do need to be organized and labeled so that communication is clear.