

Third Homework

Reading assignment: Casebook chapter 3

In the casebook, read chapter 3, “When Dividing Doesn’t Come Out Evenly.” Consider the questions posed in the chapter introduction as you read the cases.

Writing assignment: Story problems for $5 \div 8$

You may have worked on this problem briefly in the seminar. This assignment provides the opportunity for you to revisit your thinking by writing your own answers. Your work can also include questions you have about any parts of the problem that are still confusing or unclear. The seminar facilitator will read what you have written and respond to your ideas and questions.

1. Write story problems for $5 \div 8$ so that the question you pose would be answered by each of the following:

(a) $\frac{5}{8}$ (b) 0.625 (c) 0 or 1 (d) 0 (e) 1

One way to approach this task is to examine the stories your group wrote for $32 \div 5$ and determine how to modify them to align with $5 \div 8$.

2. For each problem, explain what in the story context makes the answer appropriate for the situation.
3. Describe how your math thinking offers an example of practice 2.