

# Teaching Fractions through Ratio Reasoning Part B (Grades 3-6)

Moving from whole number multiplication and division to multiplication and division with rational numbers is a challenge for many students. Join us to deepen your own understanding of rational numbers and learn research-based and classroom-tested strategies that use ratio reasoning to build a cohesive learning opportunity for all of your students from grade 3 through middle school. This three session professional development series raises and address these questions:

- How can I more effectively support my students as they transition from multiplying and dividing whole numbers to multiplying and dividing rational numbers?
- What are the different types of problems that can be solved by multiplying or dividing rational numbers?
- Which ratio reasoning tools will help my students see the actions and relationships in the operations?

**Oct. 16, Nov. 6 & 13, 2021**

**8:00 AM - 10:30 AM**

**Virtual**

$$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$

$$\frac{3}{4} \div \frac{1}{2} = 1\frac{1}{2}$$

This is part B of a two-part series.  
The focus is multiplication and division of fractions through ratio reasoning.

## Cost:

**\$100 per individual (\$80 register by Sept. 21, 2021)**

**\$75 per individual for a team of 3 or more**

\*1 unit of university credit available for an additional cost

## Register:

[PartBRatioReasoning3-6.eventbrite.com](https://www.eventbrite.com/e/part-b-ratio-reasoning-grades-3-6-tickets-15111111111)

(Registration deadline: Oct 5th)

Space is limited. Register today!

Participants will receive a copy of

*Extending Children's Mathematics: Fractions and Decimals* by Susan Empson and Linda Levi

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