

At Home Group Tutoring

TOPICS AND SAMPLE LESSONS

This program is designed to reinforce core concepts from previous learning while equipping students with new skills tailored to their current grade level. Below is an overview of the topics each group will cover throughout the course.

We'll dive into the essential concepts of numbers, operations, and place value. Multiplication and division are fundamental operations in mathematics, and they serve as building blocks for many higher-level concepts. Understanding ratio and proportion is a key component of 6th-grade math. These concepts involve comparing quantities and finding relationships between them. Multiplication and division are central to solving ratio and proportion problems, making them indispensable skills at this level. Sessions will focus on strengthening these skills to prepare students for the ratio and proportion focus of sixth grade.

We'll also focus on the application and extension of fractions. In 6th grade, students delve into operations involving fractions, such as adding, subtracting, multiplying, and dividing fractions. Proficiency in these operations requires a thorough understanding of fraction concepts like equivalent fractions, common denominators, and fraction conversions. Our instructors will guide your child through hands-on activities and group projects that will help them apply and extend their knowledge of these essential concepts.

- Multiplication and Division
- Fractions

Week	Session	Topic
1	1	Extending Multiplication
1	2	Extending Multiplication
2	3	4-Digit Dividends, 2-Digit Divisors
2	4	4-Digit Dividends, 2-Digit Divisors
3	5	Adding and Subtraction Fractions
3	6	Adding and Subtracting Fractions

4	7	Multiplying Fractions
4	8	Multiplying Fractions
5	9	Multiplying Whole Numbers and Fractions
5	10	Multiplying Whole Numbers and Fractions
6	11	Multiplying Mixed Numbers
6	12	Multiplying Mixed Numbers
7	13	Dividing Fractions
7	14	Dividing Fractions
8	15	Word Problems, Whole Numbers, and Unit Fractions
8	16	Final Reflection of Learning

Sample Lessons

Below are links to a few sample lessons that your student(s) may work on throughout the 8-week program. These lessons are designed to encourage group discussion and allow students to work with digital manipulatives on screen. Remember, these are just samples of lessons and, thus, are quite a bit shorter than what will be covered in a 60-minute session.

- [Multiplication and Division](#)
- [Fractions](#)

Questions or Concerns?

Each session in our program is designed to be one hour long, with 50 minutes dedicated to focused instruction. The final 10 minutes are set aside for student reflection and session wrap-up. During this time, the tutor will guide students in reflecting on what they learned, sharing areas of challenge or success, and reinforcing key takeaways from the lesson. This helps solidify understanding while fostering self-awareness in learning.

Please Note: If at any point you feel a question or concern is not adequately addressed by the assigned tutor, or if you wish to unenroll your student(s), please get in touch with familytutoring@cignition.com. Tutors cannot unenroll students and are encouraged to designate all payment and logistical questions to the Family Plan Program Manager, Madelyn Brown.