



Math Inquiry: Parent Connections

GRADE 5

Material	Tiles 12–14
Unit Topics	Adding and subtracting fractions with different strategies Estimation Problem solving Reading and interpreting data
Manipulatives and Models	Number lines, bar models

In these Math Inquiry tiles, students continue to work with fractions and develop their skills in adding and subtracting them. They first use visual strategies, such as number lines and bar models, in order to develop a conceptual understanding of adding and subtracting fractions. They then apply what they observe in the visual strategies to learn and use more efficient written strategies. Finally, they apply their skills to solving problems involving fractions and to making sense of data sets.

Discussion Questions and Topics

- How are visual models helpful when you're learning to work with fractions?
- What kinds of fractions are more challenging to add? To subtract? Why?
- What are your top tips for working with fractions?

Ways to Engage

- Explore [this visual tool](#) together.
- Play [fraction games](#) with dice and cards.
- Use chalk to add fractions by drawing bar models on the ground.