



Math Inquiry: Parent Connections

MATH B

Material	Tiles 11–12
Unit Topics	Ratios as related to percents Equivalence of fractions and percents Ratios as related to total numbers in a set Introduction of rate problems as direct proportion Strategies for finding percents of numbers Story problems with percents Increasing and decreasing a number by a certain percent
Vocabulary	Markdown : When a store has a sale, the markdown is the amount of money (or percentage of the total price) that a buyer doesn't pay.

In these Math Inquiry tiles, students study ratios and connect multiplying by equivalent fractions with calculating percentages. They also tackle a question about rate and time that foreshadows an upcoming unit on rate problems as direct proportions; for now, they can answer this question with logic. Finally, to keep their skills up to speed, students continue working with operations on mixed numbers.

Discussion Questions and Topics

- If it is customary to tip at a restaurant in your area, allow your child to calculate a tip based on percentage the next time your family goes out to eat.
- Ask students to estimate the price of an item that is on sale.

Ways to Engage

- Play [Percent Jeopardy](#) with your child.
- Talk to your child about your currency system. Ask them what percent of the main paper currency each of the coins is. For example, in the United States, you could ask, “What percent of a dollar is a quarter?”