FOCUS AREAS FOR FIFTH GRADE:

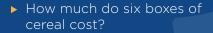
- ▶ Solve word problems using addition and subtraction of fractions. For example, find how many cups of sauce are needed to make three batches of pasta.
- Solve addition, subtraction, multiplication, and division problems with decimals. For example, divide the cost of a dinner among three people.
- ▶ Understand and solve problems involving volume. For example, find out which of two fish tanks would hold more water.
- ▶ Solve problems using the coordinate grid (graphs). For example, discuss a graph showing how temperature changes over the course of a year.

BY THE END OF FIFTH GRADE, STUDENTS CAN:



- ► Use rules (like add 3) to make patterns of numbers (like 2, 5, 8, 11...).
- Write, explain, and compute math expressions: for example, explain that 2 x (8 + 7) is 30.
- ► Round decimal numbers to the nearest thousandth: for example, round 5.7936 to 5.794.
- ► Fluently (quickly and correctly) multiply multi-digit numbers using the standard algorithm.
- Divide numbers using various strategies (like the partial quotients method).
- Multiply fractions by other fractions and by whole numbers: for example, $\frac{2}{3} \times \frac{4}{5}$ or $\frac{4}{5} \times 8$
- Divide with whole numbers (like 7) and unit fractions (fractions with 1 on the top): for example, $4 \div \frac{1}{3}$ or $\frac{1}{5} \div 4$.
- Solve word problems using addition, subtraction, multiplication, and division of fractions and whole numbers.
- ➤ Solve multi-step word problems that include converting measurement units (like from grams to kilograms).
- Classify shapes in a hierarchy: for example, all rectangles are parallelograms, but not all parallelograms are rectangles.

QUESTIONS YOU CAN ASK YOUR CHILD:



How much of each ingredient will we need if we cut this recipe in half?

TOPICS YOU CAN DISCUSS WITH YOUR CHILD'S TEACHER:

- Projects you can do at home to practice solving problems with fractions, decimals, and volume
- Which strategies for dividing larger numbers work best for your child



