

Dear Families,

We are excited to share what your child is currently learning in our 5th grade math class! This week, we are focusing on multiplying fractions, multiplying fractions by whole numbers, and comparing fractions, factors, and products. These skills are essential for solving everyday problems.

What We're Learning

In this unit, students will:

- Multiply fractions by fractions and fractions by whole numbers.
- Compare fractions using common denominators and find factors and products.
- Solve real-world problems involving fractions.

Real-Life Practice Ideas

Here are some engaging ways you can help your child practice these skills at home:

Cooking and Baking:

- **Multiplying Fractions:** If a recipe calls for $\frac{2}{3}$ cup of sugar and you want to make a half batch, ask your child to calculate how much sugar you need:

$$\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} = \frac{1}{3} \text{ cup of sugar.}$$

Gardening:

- **Fraction and Whole Number Multiplication:** If you have $\frac{3}{4}$ of a bag of fertilizer and you want to use it on 4 plants, ask your child to determine how much fertilizer each plant receives:

$$\frac{3}{4} \div 4 = \frac{3}{4} \times \frac{1}{4} = \frac{3}{16} \text{ bag per plant.}$$

Comparing Fractions:

- If you buy $\frac{1}{2}$ of a yard of fabric and your friend buys $\frac{2}{5}$ of a yard, ask your child to compare which amount is greater. They can find a common denominator (10):

$$\frac{1}{2} = \frac{5}{10}, \quad \frac{2}{5} = \frac{4}{10} \Rightarrow \frac{1}{2} > \frac{2}{5}.$$

Sports and Fitness:

- If your child runs $\frac{2}{3}$ of a mile each day for 5 days, ask them to find the total distance run:

$$\frac{2}{3} \times 5 = \frac{2 \times 5}{3} = \frac{10}{3} = 3\frac{1}{3} \text{ miles.}$$

Planning Events:

- If you are making 3 pizzas and each pizza requires $\frac{2}{5}$ of a pound of cheese, ask your child to calculate the total amount of cheese needed:

$$3 \times \frac{2}{5} = \frac{6}{5} = 1\frac{1}{5} \text{ pounds of cheese.}$$

Thank you for your support in your child's learning journey. If you have any questions, please feel free to reach out.

Sincerely,
5th Grade Math Teachers

Other Websites for Practice:

[Cool Math Games 4 Kids](#)

[ABCya!](#)

[SplashLearn](#)

[Multiplication Games](#)

[Math Playground](#)

[Xtra Math](#)

[Math-Aids](#)

[Bedtime Math](#)