

5**Family Letter****Dear Parent or Guardian:**

Sometimes people think dealing with fractions is hard. However, we encounter fractions in many different situations, such as cooking, building, and investing. Knowing how to add and subtract fractions is a valuable skill that can help us in our daily lives.

In **Chapter 5, Adding and Subtracting Fractions**, your child will learn how to round, add, and subtract fractions and mixed numbers with like and unlike denominators. Your child will also learn to estimate sums and differences of problems containing fractions. Renaming in some of the subtraction problems will be required. In the study of this chapter, your child will complete a variety of daily classroom assignments and activities and possibly produce a chapter project.

By signing this letter and returning it with your child, you agree to encourage your child by getting involved. Enclosed is an activity you can do with your child that practices how the math we will be learning in Chapter 5 might be tested. You may also wish to log on to **www.msmath1.com** for self-check quizzes and other study help. If you have any questions or comments, feel free to contact me at school.

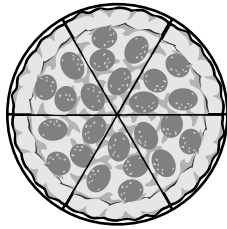
Sincerely,

Signature of Parent or Guardian _____ Date _____

5**Family Activity****State Test Practice**

Fold the page along the dashed line. Work each problem on another piece of paper. Then unfold the page to check your work.

1. On Sunday, Billy ate $\frac{1}{6}$ of a pizza. On Monday, he ate another $\frac{2}{3}$ of the pizza. How much of the pizza remained for Tuesday?



- A $\frac{1}{6}$
 B $\frac{1}{3}$
 C $\frac{6}{9}$
 D $\frac{5}{6}$

Fold here.

Solution

1. *Hint: To find the sum of these fractions, you need to find the least common denominator.*

The amount of pizza Billy ate is $\frac{1}{6} + \frac{2}{3} = \frac{1}{6} + \frac{4}{6}$ or $\frac{5}{6}$. The amount left over is a whole pizza $\left(\frac{6}{6}\right)$ minus the amount eaten.

$$\frac{6}{6} - \frac{5}{6} = \frac{1}{6}$$

The answer is **A**.

2. Dennis is mixing together the ingredients for a recipe that calls for $4\frac{1}{2}$ cups of flour and $1\frac{1}{4}$ cup of sugar. How much more flour goes into the recipe than sugar?

- A $3\frac{1}{2}$
 B $2\frac{3}{4}$
 C $5\frac{2}{6}$
 D $3\frac{1}{4}$

Solution

2. *Hint: The denominators of the fractions should be the same in order to subtract the fraction. You can also change the mixed number to an improper fraction to make subtraction easier.*

In order to subtract, the denominators in the fractions should be the same.

$$4\frac{1}{2} - 1\frac{1}{4} = 4\frac{2}{4} - 1\frac{1}{4} = 3\frac{1}{4}$$

You can also use mixed numbers:

$$\frac{9}{2} - \frac{5}{4} = \frac{18}{4} - \frac{5}{4} = \frac{13}{4} = 3\frac{1}{4}$$

The answer is **D**.