

## 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 6: Adding and Subtracting Fractions**, your child will learn how to round, add, and subtract fractions and mixed numbers. 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 also relates the math we will be learning in Chapter 6 to the real world. You may also wish to log on to the **Online Study Tools** for self-check quizzes, Parent and Student Study Guide pages, and other study help at [www.msmath1.net](http://www.msmath1.net). If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian \_\_\_\_\_ Date \_\_\_\_\_

## Family Activity

### Adding and Subtracting Fractions

Work with a family member to record the amount of time (in hours) each of you spends doing each activity on a typical day. Then write a fraction in simplest form to represent the fraction of a day spent on each activity. Remember that the total number of hours for all six categories must be 24.

Name \_\_\_\_\_

Activity	Hours	Fraction
work		
school		
eating		
sleeping		
recreation/ entertainment		
other		

Name \_\_\_\_\_

Activity	Hours	Fraction
work		
school		
eating		
sleeping		
recreation/ entertainment		
other		

Use the fractions from the tables above to answer the following questions. Express all answers as fractions in simplest form.

- Together, how much of a day do you both spend sleeping?
- Who spends more time on recreation or entertainment? What is the difference in time expressed as a fraction of the day?
- Together, how much of a day do you both spend on work and/or school?
- Find the activity that you each spend the most time doing. Find the difference in time between these activities expressed as a fraction of the day.
- Together, what fraction of a day do you both spend doing activities that are included in the *other* category?