

Family Letter

Dear Parent or Guardian:

Knowing how to multiply and divide decimals is a valuable skill. We use decimals to calculate how much money we will spend on sports equipment or to determine how much of our allowance will be left after seeing a movie. Skill in using decimals helps us make informed decisions about purchasing goods and services.

In **Chapter 4, Multiplying and Dividing Decimals**, your child will learn how to estimate and find the products and quotients of decimals as well as find the perimeter and circumference of polygons and circles. 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 that you can do with your child that also relates the math we will be learning in Chapter 4 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. If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian _____ Date _____

Family Activity

Multiplying and Dividing Decimals

Work with a family member. Research the current Federal minimum wage at your local library or on the Internet. Use this information for Exercises 1–5. Whenever necessary, round to the nearest hundredth.

1. What is the current Federal minimum wage?
2. Suppose you worked 5.5 hours last Saturday and were paid minimum wage. How much money would you have earned?
3. Suppose you earned \$110.00 last week. If you are paid the Federal minimum wage, how many hours did you work?
4. Federal, state, and local labor laws limit the number of hours that a person under a certain age can work in a day or week. Research the number of hours you can legally work. Use this information to determine the maximum amount you could earn in a day or week if you are earning the Federal minimum wage.
5. Visit a local retail store or look at store advertisements for three or more items you would like to purchase. If you were earning the Federal minimum wage, how many hours would you have to work to earn enough money to purchase each item?
Item 1:
Item 2:
Item 3:

1–5. See students' work.