

Family Letter

Dear Parent or Guardian:

One of the goals of this class is to relate concepts learned in the classroom to the real world. For example, integers are a part of our daily lives. They are often used to describe things such as sports scores, temperature, time, and money. Knowing how to work with integers helps us make important decisions at work and at home.

In **Chapter 1, Algebra: Integers**, your child will learn about adding, subtracting, multiplying, and dividing integers. Your child will also learn how to find the absolute value of integers, write and simplify expressions, and write and solve equations. 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 1 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.msmath3.net. If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian _____ Date _____

Family Activity

Game Show Mathematics

With a family member, watch an episode of any television game show that involves the gain and loss of integer values of money. Follow each contestant. Record all of the contestants' gains and losses. You are interested in the total amount of money in each contestant's final "score." Below is an example for one contestant.

Round 1: + 200, + 1,000, - 250

Round 2: + 300, - 250, + 700, + 500

Round 3: + 500, - 250

Total earnings: \$2,450

1. Contestant 1

2. Contestant 2

3. Contestant 3