

Family Letter

Dear Parent or Guardian:

"When am I ever going to use this stuff?" Students in math classes often ask this question. Integers are everywhere. We use them for golf scores. We use them when finding elevation, balancing a checkbook, or talking about temperature. There are many practical uses of integers.

In **Chapter 3, Algebra: Integers**, your child will learn how to order, add, subtract, multiply, divide, and find the absolute value of integers. Your child will also learn about the coordinate system and how to graph points. 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 3 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.msmath2.net. If you have any questions or comments, feel free to contact me at school.

Sincerely,

Signature of Parent or Guardian _____ Date _____

Family Activity

Ordering Integers

Consult a newspaper, watch the news, surf the Internet, or watch the weather channel with a family member. Find the high and low temperatures on the same day for eight cities: Buenos Aires, Moscow, Zurich, Tokyo, New York, Denver, Los Angeles, and your community. Record the date and the temperatures in the table.

High and Low Temperatures on _____

City	High Temperature (°F)	Low Temperature (°F)
Buenos Aires		
Moscow		
Zurich		
Tokyo		
New York		
Denver		
Los Angeles		

- Which city has the highest high temperature?
- Which city has the lowest low temperature?
- List the cities in order from lowest high temperature to highest high temperature.
- List the cities in order from lowest low temperature to highest low temperature.
- Were the cities in the same order in the answers for Questions 3 and 4? Why or why not?