

## Family Letter

### Dear Parent or Guardian:

Students are often frustrated in math classes because they do not see how they can use the material in the real world. In our math class, however, we try to take mathematics beyond the classroom to a point where students realize and appreciate its importance in their daily lives.

In **Chapter 1, Number Patterns and Algebra**, your child will be learning about problem solving, patterns, prime factors, the order of operations, variables and expressions, and powers and exponents. Your child will also solve equations and find the area of rectangles. 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.msmath1.net](http://www.msmath1.net). If you have any questions or comments, feel free to contact me at school.

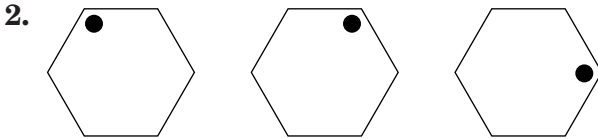
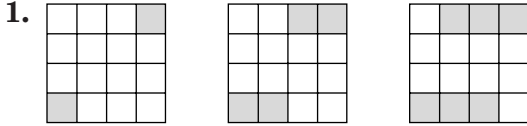
Sincerely,

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

# Family Activity

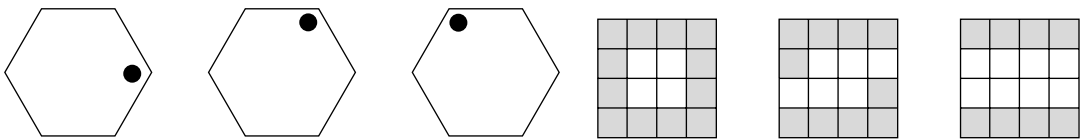
## Using Patterns

Draw the next three figures in each pattern. You can take turns with a family member.



Find a pattern in your home or neighborhood. Sketch at least the first three figures in the pattern. Have a family member draw the next three figures in the pattern.

Have a family member find a pattern in your home or neighborhood. Have him or her sketch at least the first three figures. Draw the next three figures in the pattern.



2. Sample answer:

1. Sample answer: