

## Family Letter

**Dear Parent or Guardian:**

We use math skills in many of the things that we do. One of the goals of this class is to show students how things they are learning in the classroom are relevant to the real world. For example, understanding area is useful in such diverse fields as geography, navigation, sports, and architecture.

In **Chapter 11, Geometry: Measuring Two-Dimensional Figures**, your child will learn how to find squares and square roots, use the Pythagorean Theorem, and find areas of figures. 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 in Chapter 11 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](http://www.msmath2.net)**. If you have any questions or comments, feel free to contact me at school.

Sincerely,

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

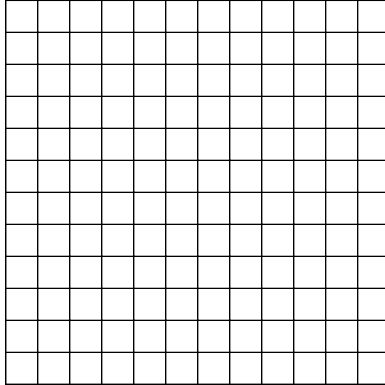
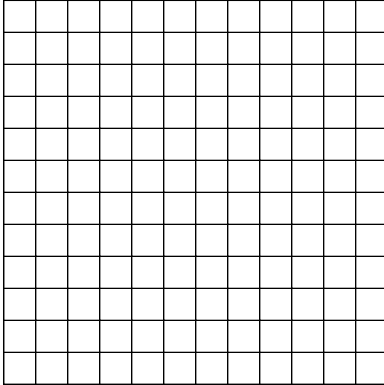
## Family Activity

### Estimating Areas

With a family member, find four small objects around the house. Put each one on the centimeter grid and draw an outline of one side of the object. Estimate the area of the outline.

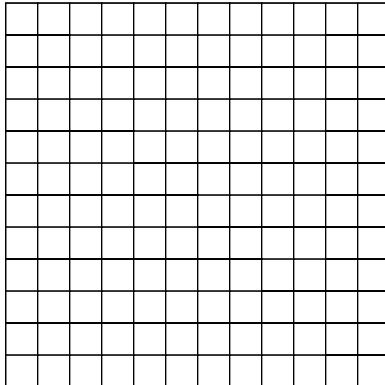
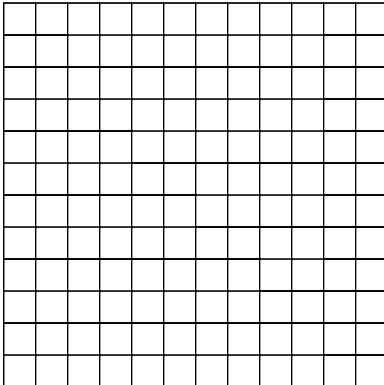
1. name of object:

2. name of object:



3. name of object:

4. name of object:



5. Choose one of your objects. Give a reason why you might want to find the area of the object. Work with your family member to get ideas.