



## Milton Terrace North Elementary School Math Homework Helper for Parents

Dear Second Grade Families,

The home-school partnership is very important to us all. We are thankful for the support and guidance you give your child each evening as they complete their homework.

We recognize that the math standards contain an abundance of new vocabulary, concepts, and unfamiliar models and strategies. Below, you will find many resources to assist your child in mastering the math standards and completing homework.

We hope that you find these resources to be useful. Thank you again for your support!

MTN Second Grade Team

Please keep in mind the following when helping your child with math homework:

- Math homework should be completed in pencil.
- Provide your child with the support he/she needs while encouraging independence.
- If homework is taking a long time and your child experiences frustration, please contact your child's teacher.

For access to the [Student Edition](#), [e-glossary](#), and [re-teach](#) pages please click the resource name above, or visit the "Homework Helper Guide" link on the MTN website.

For additional FUN fact fluency practice please have your child log into [XtraMath.org](http://XtraMath.org) using their given username and password.

## Chapter 11: Geometry and Fraction Concepts

Included in this resource are "I Can" Statements, vocabulary words, and key phrases. To see the strategies used in this chapter, refer to the "Re-Teach" page that corresponds to each lesson number. "I Can" statements are the State Standards written in "kid-friendly" language to help your child understand the lesson's objective.

### Chapter Vocabulary

- **Angle:** a shape formed by two line segments that share the same endpoint
- **Cone:** a three-dimensional shape with a circular base and a point at the top
- **Cube:** a three-dimensional shape with six square faces
- **Cylinder:** a three-dimensional shape with two circular parallel bases and a curved surface
- **Edge:** where two faces of a three-dimensional shape meet
- **Face:** a polygon that is a flat surface of a three-dimensional shape
- **Fourths:** four equal parts
- **Halves:** two equal parts
- **Hexagon:** a polygon with six sides
- **Pentagon:** a polygon with four sides
- **Quadrilateral:** a polygon with four sides
- **Rectangle Prism:** a three-dimensional shape with six faces that are rectangle
- **Side:** one of the line segments that forms a polygon
- **Thirds:** three equal parts
- **Vertex:** the point where 2 sides of a polygon meet or 3 or more edges of a three-dimensional shape meet

#### **Lesson 11.1- Three-Dimensional Shapes**

**Essential Question:** What objects match three-dimensional shapes?

**"I Can" Statement:**

#### **Lesson 11.2- Attributes of Three-Dimensional shapes**

**Essential Question:** How would you describe the faces of a rectangular prism and the faces of a cube?

**"I Can" Statement:**

#### **Lesson 11.3- Two-Dimensional Shapes**

**Essential Question:** What shapes can you name

#### **Lesson 11.4- Angles in Two-Dimensional Shapes**

<p>just by knowing the number of sides and vertices?</p> <p><b>"I Can" Statement:</b></p>	<p><b>Essential Question:</b> How do you find and count angles in two-dimensional shapes?</p> <p><b>"I Can" Statement:</b></p>
<p><b>Lesson 11.5- Sort Two-Dimensional Shapes</b></p> <p><b>Essential Question:</b> How do you use the number of sides and angles to sort two-dimensional shapes?</p> <p><b>"I Can" Statement:</b></p>	<p><b>Lesson 11.6- Partition Rectangles</b></p> <p><b>Essential Question:</b> How do you find the total number of same-size squares that will cover a rectangle?</p> <p><b>"I Can" Statement:</b></p>
<p><b>Lesson 11.7- Equal Parts</b></p> <p><b>Essential Question:</b> What are halves, thirds, and fourths of a whole?</p> <p><b>"I Can" Statement:</b></p>	<p><b>Lesson 11.8- Show Equal Parts of a Whole</b></p> <p><b>Essential Question:</b> How do you know if a shape shows halves, thirds, or fourths?</p> <p><b>"I Can" Statement:</b></p>
<p><b>Lesson 11.9- Describe Equal Parts</b></p> <p><b>Essential Question:</b> How do you find a half or, a third of, or a fourth of a whole?</p> <p><b>"I Can" Statement:</b></p>	<p><b>Lesson 11.10- Equal Parts</b></p> <p><b>Essential Question:</b> How can drawing a diagram help when solving problems about equal shares?</p> <p><b>"I Can" Statement:</b></p>