



Milton Terrace North Elementary School Math Homework Helper for Parents

Dear First 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 First 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 resource name above or visit the "Home Work Helper Guide" link on the MTN's website.

For additional FUN fact fluency practice please have your child log into XtraMath.org using their given username and password.

Chapter 12-Two-Dimensional Geometry

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

- **Equal Parts:** parts of an object or group that have been divided equally into pieces
- **Equal Shares:** parts of a whole that are the same size
- **Fourth Of:** one of four equal parts of a whole
- **Fourths:** four equal parts
- **Half Of:** one of two equal parts of a whole
- **Halves:** two equal parts
- **Quarter Of:** one of four equal parts of a whole
- **Quarters:** four equal parts or shares
- **Sides:** the line segments that form polygons
- **Unequal Parts:** parts of a whole that are not the same size
- **Unequal Shares:** parts of a whole that are not the same size
- **Vertices:** the points where 2 or more edges of a three-dimensional shape meet or where 2 sides of a polygon meet

Lesson 12.1-Sort Two-Dimensional Shapes

Essential Questions: How can you use attributes to sort two-dimensional shapes?

"I Can" Statement: I can distinguish between defining attributes (e.g. triangles are closed and three-sided) and non-defining attributes (e.g. color, orientations, overall size). I can build and draw shapes that possess these attributes.

Lesson 12.2-Describe Two-Dimensional Shapes

Essential Questions: What attributes can you use to describe two-dimensional shapes?

"I Can" Statement: I can distinguish between defining attributes (e.g. triangles are closed and three-sided) and non-defining attributes (e.g. color, orientations, overall size). I can build and draw shapes that possess these attributes.

<p>Lesson 12.3-Combine Two-Dimensional Shapes</p> <p>Essential Questions: How can you put two-dimensional shapes together to make new two-dimensional shapes?</p> <p>"I Can" Statement: I can compose two-dimensional or three-dimensional shapes to create a composite shape and compose new shapes from the composite shapes.</p>	<p>Lesson 12.4-Combine More Shapes</p> <p>Essential Questions: How can you combine two-dimensional shapes to make new shapes?</p> <p>"I Can" Statement: I can compose two-dimensional or three-dimensional shapes to create a composite shape and compose new shapes from the composite shapes.</p>
<p>Lesson 12.5-Make New Two-Dimensional Shapes</p> <p>Essential Questions: How can acting it out help you make new shapes from combined shapes?</p> <p>"I Can" Statement: I can compose two-dimensional or three-dimensional shapes to create a composite shape and compose new shapes from the composite shapes.</p>	<p>Lesson 12.6-Find Shapes in Shapes</p> <p>Essential Questions: How can you find shapes in other shapes?</p> <p>"I Can" Statement: I can compose two-dimensional or three-dimensional shapes to create a composite shape and compose new shapes from the composite shapes.</p>
<p>Lesson 12.7-Take Apart Two Dimensional Shapes</p> <p>Essential Questions: How can you take apart two-dimensional shapes?</p> <p>"I Can" Statement: I can compose two-dimensional or three-dimensional shapes to create a composite shape and compose new shapes from the composite shapes.</p>	<p>Lesson 12.8-Equal or Unequal Parts</p> <p>Essential Questions: How can you identify equal and unequal parts in two-dimensional shapes?</p> <p>"I Can" Statement: I can partition circles and rectangles into two and four equal shares (parts) and describe the shares (parts) using the words <i>halves</i>, <i>fourths</i>, and <i>quarters</i>.</p>
<p>Lesson 12.9-Halves</p> <p>Essential Questions: How can a shape be separated into two equal shares?</p> <p>"I Can" Statement: I can partition circles and rectangles into two and four equal shares (parts) and describe the shares (parts) using the words <i>halves</i>, <i>fourths</i>, and <i>quarters</i>.</p>	<p>Lesson 12.10-Fourths</p> <p>Essential Questions: How can a shape be separated into four equal shares?</p> <p>"I Can" Statement: I can partition circles and rectangles into two and four equal shares (parts) and describe the shares (parts) using the words <i>halves</i>, <i>fourths</i>, and <i>quarters</i>.</p>

Milton Terrace North Homework Helper, Go Math 1st Grade, Chapter 12

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