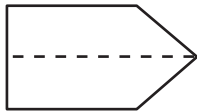




# Open-Ended Practice: Geometry

M3.C.1.1.1 M3.C.1.1.2 M3.C.2.1.1

- 1 Lisa wanted to know if this figure has a line of symmetry.



## Part A

How many lines of symmetry does this figure have?

<p><b>DRAW</b> any lines of symmetry on the figure.</p> <p><b>PUT</b> your answer in the <b>ANSWER BOX</b>.</p> <p><b>EXPLAIN</b> why or why not this figure has any lines of symmetry.</p>	
<p>A figure that can be folded so both halves match is symmetrical. This figure can be</p> <hr/> <p>folded one way so the halves match.</p> <hr/> <hr/> <hr/> <hr/> <hr/>	
<p><b>ANSWER BOX:</b></p> <hr/> <p>1</p> <hr/>	<hr/> <hr/>

GO TO THE NEXT PAGE TO FINISH THE QUESTION.

# Open-Ended Practice: Geometry

1. **Continued.** Please refer to the previous page for task explanation.

## Part B

Lisa also wanted to know if this figure has a line of symmetry.



Does this figure have a line of symmetry?

**DRAW** any lines of symmetry on the figure.

**PUT** your answer in the **ANSWER BOX**.

**EXPLAIN** why or why not this figure has any lines of symmetry.

When folded, the halves of this figure do not match up. It is not symmetrical.

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**ANSWER BOX:**

NO

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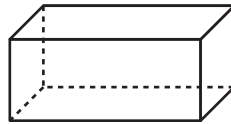


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# Open-Ended Practice: Geometry

2 Below is a figure of a rectangular prism.



## Part A

How many faces and vertices does this figure have?

<b>PUT</b> your answer in the <b>ANSWER BOX</b> .	
<b>EXPLAIN</b> how you know how many faces and vertices the figure has.	
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
<b>ANSWER BOX:</b> <hr/> <hr/>	<hr/> <hr/>

	<i>Faces</i> are the flat sides. <i>Vertices</i> are the corners.
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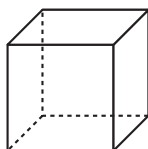
GO TO THE NEXT PAGE TO FINISH THE QUESTION.

# Open-Ended Practice: Geometry

2. **Continued.** Please refer to the previous page for task explanation.

## Part B

Below is a figure of a cube.



Describe how the cube is similar to the rectangular prism. Also describe any differences between the cube and the rectangular prism.

**EXPLAIN** how the cube is like a rectangular prism, and how they are different.

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Make a list of things that are the same and things that are different.



## Open-Ended Practice: Geometry

- 3 Timmy says, "I am thinking of a shape. It has five sides and five corners. What is the shape?"

### Part A

**DRAW** the shape Timmy is thinking of below.

A large, empty rectangular box with a black border, intended for drawing a pentagon.

### Part B

What is the name of the shape Timmy is thinking of?

**WRITE** the name of the shape on the line below.

A horizontal line inside a rectangular box, intended for writing the name of a pentagon.

**GO TO THE NEXT PAGE TO FINISH THE QUESTION.**

# Open-Ended Practice: Geometry

3. **Continued.** Please refer to the previous page for task explanation.

## Part C

What are two shapes that have more sides than the shape that Timmy was thinking of?

**DRAW** the shapes in the space provided below.

**WRITE** the names of the shapes in the **ANSWER BOX**.

**ANSWER BOX:**

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