

Student Link

Lesson Activity for Grade 5 (Mathematics : Geometry)

PAGE

A

Student Name: _____

INSTRUCTIONS

1. In Student Link, click on the grade five door.



2. Next, click on **Mathematics**



3. Under the heading of *Geometry*, click on



A1. Read this page and fill in the blanks:

The rule for obtaining the image from the object is the _____.
We call the original figure the _____ and the new figure is called the _____.
The three types of transformations are _____, _____ and _____.

2. Click on Translations. Follow the directions on the page to discover more.

Circle one: A translation is a (flip slide turn).
What is a translation arrow?

3. Click the back button once and choose Reflections. Follow the directions to learn more.

Circle one: A reflection is a (flip slide turn).
What is a mirror line?

4. Click the back button once and choose Rotations. Follow the directions!

Circle one: A rotation is a (flip slide turn).
What is the center of rotation?

5. Take what you have learned and translate this object. Then, take the image and reflect it.



Student Name: _____

1. Click the back button until you get to the Mathematics screen in Student Link.
2. Under the heading of *Geometry*, click on [Line Symmetry](#).
3. Watch the video to learn more about symmetry, try out all the activities, and answer the questions below.

4. What three places is symmetry found in the world around us?



5. When does an object have symmetry?

6. Name three other interesting facts that you learned from this video lesson.

A)

B)

C)

Now that you have learned all about symmetry, draw two objects below, each with a different kind of line symmetry!

Horizontal Line of Symmetry



Vertical Line of Symmetry

