

Mirror, Mirror On the Wall

What Does Symmetry Mean to Us All?

Challenge: Find the line of symmetry and tell what symmetry is



Steps to Follow

- 1) Look at the pictures on the work page.
- 2) Look on the chart to see some ideas about symmetry.
- 3) Use the things on the table.
- 4) Test different ideas about symmetry.
- 5) Record what you discover about the pictures.
- 6) Write the group's thoughts and ideas about what was discovered.
- 7) Write to describe symmetry.
- 8) List the things the group did to find your answer.



Group Recorder: _____

Group Members:

Thoughts and Ideas About What We De'scovered

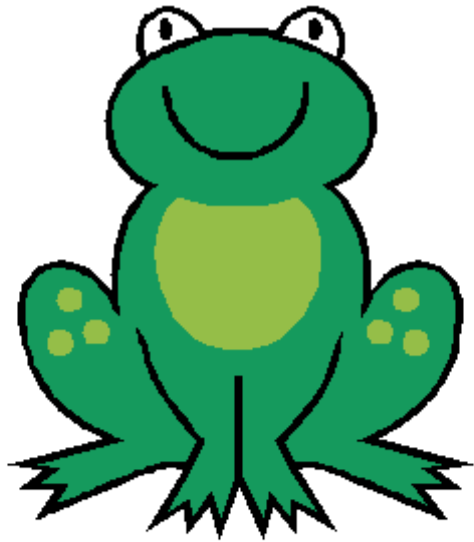
Describe Symmetry

(Use complete sentences to describe.)

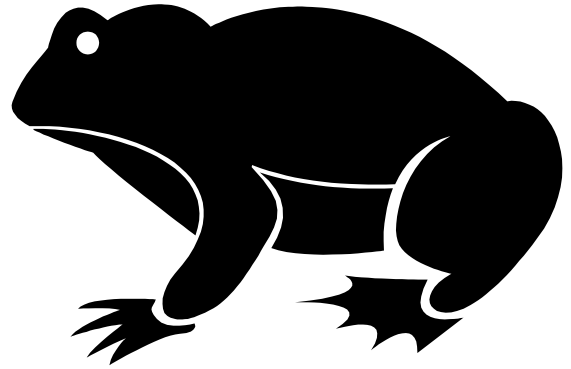
Things We Did to Find Our Answer

Name _____

De'scoveries



Name _____



De'scoveries



Name _____



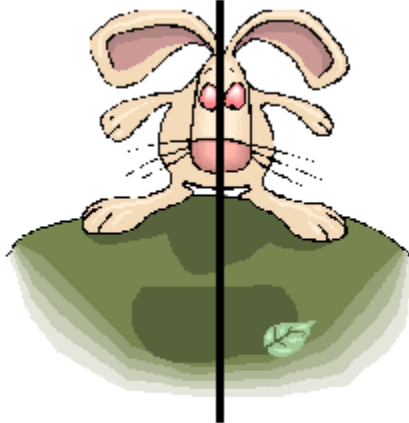
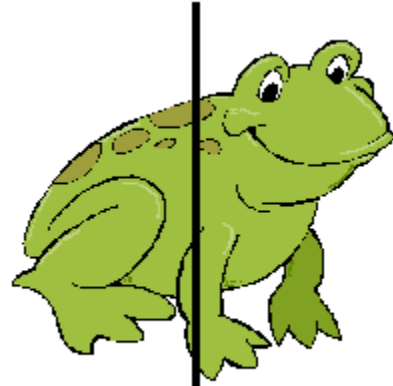
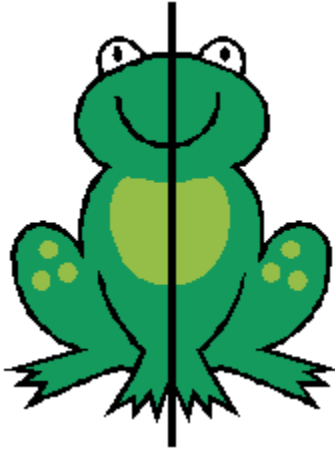
De'scoveries



De'scovered Lines of Symmetry

Symmetrical

Not Symmetrical



De'scovery
Pictures
Lines of Symmetry
De' Answers



To the teacher: Students should discover:

Even though an object can be cut in half, it does not assure symmetry.

Symmetry is when one half of an object is the exact mirror image of the other half.

Line of symmetry is the line in the exact middle of an object whereby the object is divided into two mirror-image halves.

By holding a mirror on the line of symmetry, if the object is symmetrical, then a complete picture occurs with the half of the picture on the paper and the half reflected in the mirror.

Literacy Link

Mirror Mirror Nigbo Nigbo

- 1) Use a mirror.
- 2) Find the line of symmetry in each picture.
- 3) With a pencil, draw the line of symmetry.
- 4) Write symmetrical or not symmetrical under each picture.

