

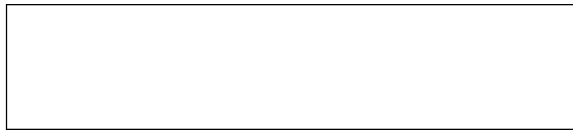
Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

Line Symmetry

There are two types of line symmetry:



Example 01: Exploring line symmetry for the letter **A**

A) Sketch each reflection to determine whether or not the figure has horizontal and/or vertical line symmetry. Put a ✓ in the box if the figure has line symmetry and put an X if it does not.



Horizontal



Vertical

B) Circle the correct conclusion statement below:

- The figure has horizontal line symmetry, but does not have vertical line symmetry.
- The figure has vertical line symmetry, but does not have horizontal line symmetry.
- The figure has BOTH horizontal and vertical line symmetry.
- The figure has NEITHER horizontal or vertical line symmetry.

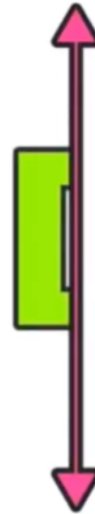
*Repeat the steps from Example 01 for Examples 02 - 04

Example 02: Exploring line symmetry for the letter

D



Horizontal



Vertical

Circle the correct conclusion statement below:

- The figure has horizontal line symmetry, but does not have vertical line symmetry.
- The figure has vertical line symmetry, but does not have horizontal line symmetry.
- The figure has BOTH horizontal and vertical line symmetry.
- The figure has NEITHER horizontal or vertical line symmetry.

Example 03: Exploring line symmetry for the letter

H



Horizontal



Vertical

Circle the correct conclusion statement below:

- The figure has horizontal line symmetry, but does not have vertical line symmetry.
- The figure has vertical line symmetry, but does not have horizontal line symmetry.
- The figure has BOTH horizontal and vertical line symmetry.
- The figure has NEITHER horizontal or vertical line symmetry.

Example 04: Exploring line symmetry for the letter

J



Horizontal



Vertical

Circle the correct conclusion statement below:

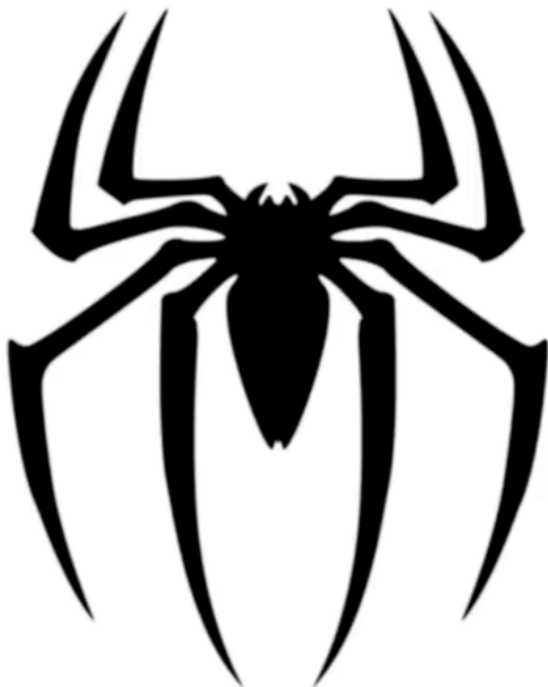
The figure has horizontal line symmetry, but does not have vertical line symmetry.

The figure has vertical line symmetry, but does not have horizontal line symmetry.

The figure has BOTH horizontal and vertical line symmetry.

The figure has NEITHER horizontal or vertical line symmetry.

Example 05: Determine what kind of line symmetry, if any, the figure below has:



Put a ✓ in the box if the figure has line symmetry and put an ✗ if it does not have line symmetry.

Vertical

Horizontal

Example 06: Determine what kind of line symmetry, if any, the figure below has:

Put a ✓ in the box if the figure has line symmetry and put an X if it does not have line symmetry.



Your Turn

Determine what kind of line symmetry, if any, the figure below have:

