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LESSON 5-4

Lines of Symmetry

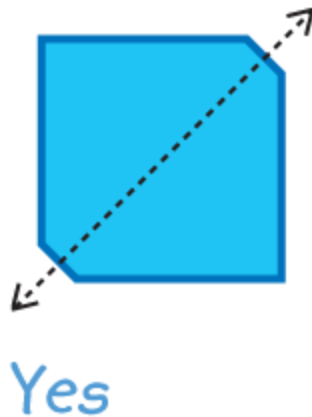
 [MA.3.GR.1.3](#), [MTR.1.1](#), [MTR.4.1](#), [MTR.5.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Tell if the line is a line of symmetry.



The line divides this figure into two matching parts. By folding on the line, the two parts would fit exactly on top of each other.

HOME ACTIVITY

A to Z, Look at Me

MATERIALS

Paper, Marker, Pencil, Straightedge

ACTIVITY

Have your child carefully write each capital letter of the alphabet with a thick marker (or type the letters into a document and print the page).

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Ask your child to draw all the lines of symmetry for each letter, using a pencil and straightedge. Check your child's work, and then ask these questions. (Note that answers may vary depending upon fonts used for typed letters.)

Which letters have 2 lines of symmetry? (H, I, O, X)

Which letters have 1 line of symmetry? (A, B, C, D, E, K, M, T, U, V, W, Y)

Which letters have no lines of symmetry? (F, G, J, L, N, P, Q, R, S, Z)

Are you surprised that N, S, and Z have no lines of symmetry?

How many lines of symmetry are vertical? (11)

How many lines of symmetry are horizontal? (9)