

Name _____

translation

Lesson 19-1

reflection

Lesson 19-2

rotation

Lesson 19-3

congruent

Lesson 19-4

transformation

Lesson 19-4

line symmetry

Lesson 19-5



reflection

The change in the position of a figure that gives the mirror image of the figure.

translation

The change in the position of a figure that moves it up, down, or sideways.

congruent

Figures that have the same size and shape.

rotation

The change in the position of a figure that moves it around a point.

line symmetry

A figure has line symmetry when it can be folded along one or more lines that create congruent parts, which can fit on top of each other exactly.

transformation

A move such as a translation, reflection, or rotation that does not change the size or shape of a figure.



Name _____

**line of
symmetry**

Lesson 19-5

**rotational
symmetry**

Lesson 19-5

pentomino

Lesson 19-6

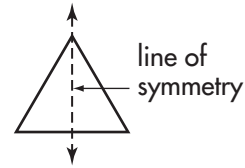


rotational symmetry

A figure has rotational symmetry when it can rotate onto itself in less than a full rotation.

line of symmetry

The fold line in a symmetric figure.



pentomino

An arrangement of 5 identical squares in a plane. The squares must be attached to one another edge to edge.

