

Name _____

Date _____

Two-Dimensional Congruent Figures - Guided Lesson Explanation

Explanation#1

This looks like a flip which is also called a reflection. Figure A is the mirror image of Figure A'. So, the transformation is a reflection.

Explanation#2

If this were a rectangular box, it would look as if the box fell on its right side or turned. In this figure, Figure B is a rotation of 90° of Fig A. So, the transformation is a rotation.

Explanation#3

If it were a paper airplane, I would say that someone pushed it to the right. The figures are the same size, just moved. So, these figures are congruent since B was produced by translating each vertex of Figure B' 3 to the right.

