

Patty Paper Activity Reflections

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Patty Paper Activity Reflections

Reflections with Patty Paper L FIG. 1 B A D C L FIG. 2 D' A' C' B' B A D C Instructions: 1. Draw a diagonal across a piece of patty paper and label it L. 2. On one side of the diagonal, draw a quadrilateral (not a square or rectangle) and label it ABCD in a counterclockwise direction. 3. Fold the patty paper along the diagonal so that the figure shows on one side. 4.

Reflections with Patty Paper - University of Houston

Product Description. Students will trace graphed images onto patty paper. Then perform the indicated reflection. Reflections are limited to reflecting over the x or y-axis. Helps students to see and understand a reflection even when it may be reflected on top of the original image. Patty paper answers are included.

Reflections Using Patty Paper by Carla Fowler | Teachers ...

Patty paper isn't just for separating meat. The lesson plan uses an inexpensive way to experiment with rigid transformations. Pupils use patty paper to create images after a translation, reflection, and rotation. Given a formative assessment, scholars identify pairs of figures as transformations, rotations, or reflections.

A Transformation's Adventure with Patty Paper: Exploring ...

patty paper and the Reflections Mat located at the end of the lesson. Trace the trapezoid from the previous activity on the lower left corner of a new piece of patty paper. 2. Align the trapezoid on the patty paper with the trapezoid on the Reflections Mat. Fold the patty paper along f 1. Trace

Slides, Flips, 2 and Spins

LESSON 1: Patty Paper, Patty Paper • M1-7 LEARNING GOALS • Define congruent figures. • Use patty paper to verify experimentally that two figures are congruent by obtaining the second figure from the first using a sequence of slides, flips, and/or turns. • Use patty paper to determine if two figures are congruent. KEY TERMS

Patty Paper, 1 Patty Paper

The patty paper game rules: You are allowed to use 1. lots of patty paper (notice that they are semi-translucent and have straight edges), and 2. a pencil. Notice that you can record distances by making marks on the paper and you can even compare two distances in this way. However, you are not to use rulers to measure distances

Patty Paper Worksheet 1 - University of Washington

Reflection Activity Sheet Name Date 1. Graph and connect these points: (2,2) (3,4) (6,2) (6,4). 2. On your patty paper, trace the x-axis, the y-axis, and the trapezoid. Reflect the trapezoid across the y-axis by folding the patty paper along the y-axis. Transfer the trapezoid to the graph paper.

Translation and Reflection - VDOE

Reflections 1. a. Draw a simple polygon on a sheet of patty paper. Then draw a line on the patty paper outside the figure and place a point on the line. b. On a second sheet of patty paper, trace the polygon, the line of reflection and the point. c. Flip the second piece of patty paper over and place it under the first so that the

Hands-On Strategies for Transformational Geometry

Rotation Activity Sheet Name Date 1. Graph and connect these points: (2,2) (3,4) (6,2) (6,4). 2. On your patty paper, trace the x-axis, the y-axis, and the trapezoid. Rotate the entire piece of patty paper 90° counterclockwise about the origin. Transfer the trapezoid to the graph paper.

Rotation; Geometry; 7

moves from one place to another. The three basic transformations are reflection (flip), rotation (turn,) and translation (slide.) Tell students that this activity will be about translation. 2. Translations (20 minutes, whole class) Distribute tracing (or patty) paper to students and instruct them to draw a four- or five-sided polygon.

"Translation" Classroom Activities

Transformational Geometry (reflections, rotations, and translations) have become a significant part of the new geometry course in the Common Core State Standards. Constructions are performed more accurately and geometric discoveries are made faster with patty paper.

Michael Serra: Patty Paper® Geometry

A Transformation's Adventure with Patty Paper: Exploring Translations, Reflections and Rotations Patty paper isn't just for separating meat. The lesson uses an inexpensive way to experiment with rigid transformations. Pupils use patty paper to create images after a translation, reflection, and rotation.

Geometry: Transformations Practice Worksheet for 9th ...

Trace the pre-image and the reflection line onto patty paper or thin paper. Then fold the paper along the reflection line, and trace each part of the pre-image onto the other side of the reflection line - this forms the image. Label the image of Aas A', Bas B', etc. 2.

TRANSFORMATIONS - UH

Activity. Summary. Rotations. Add to Favorites. 5 teachers like this lesson. Print Lesson. Share. ... It is helpful to provide these students with tracing paper or patty paper to help them work with rotations. Rotations Do Now. Mini-Lesson. 15 minutes. Rotations Reflection. Rotations Reflection - patty paper support! We begin the mini-lesson by ...

Tenth grade Lesson Rotations | BetterLesson

group a total of three reflections (from Part 1) according to the following criteria: i. Every student must perform a minimum of three reflections. ii. Every student must use patty paper to do at least one reflection of a triangle across line l. iii. Every student must do at least one reflection across the x-axis. iv.

A Hands-on and Cooperative Learning Activity

Students translate, reflect, and rotate shapes on a grid using either cut-outs or tracing patty paper (both versions included). This lesson is perfect for introducing translations, reflections, and rotations. Students will discover how these rigid transformations affect the coordinate points. Modifications are provided for differentiation.

Transformations Discovery Lesson with Tracing Paper or Cut ...

How does the Paper Folding Activity of Parabolas Relate to the Construction of a Parabola? Assignment 3. By Erin Cain . In many mathematics classrooms, teachers use a paper folding activity to help define a parabola to his or her students. In the following write up I will not only explain a lesson plan involving paper folding in order to construct the focus, directrix definition of a parabola ...

How does the Paper Folding Activity of Parabolas Relate to ...

I ran out of time to formally close the lesson because students spent a good deal of time learning to use the tracing paper for the first time and then you need to have a plan for keeping and reusing tracing paper. I have a community bucket for gently used patty paper or students may keep their own paper until the following day.

Eighth grade Lesson Hands-on Exploring Translations in the ...

This set is designed to help teachers guide and extend classroom activities involving paper, scissors, etc. Many teachers are familiar with Michael Serra's Patty Paper Geometry book in which properties of shapes are discovered by folding and working with paper in other ways. Tabula can be used to model the steps in most of the activities. 2.