

Models Made from Rectangles



This model is easy. Practice random acts of kindness. Send ✉ hearts ❤️ to a sister school, nursing home or Peace Pal.

Strand: Geometry • Shape Recognition • Spatial Sense

Materials: A red or pink rectangle, 8.5 x 2.5 inch

Concepts and Vocabulary:

rectangle

apex

width

congruent

right/left

pentagon

base

vertical

edge

top

isosceles right triangle

length

line of symmetry

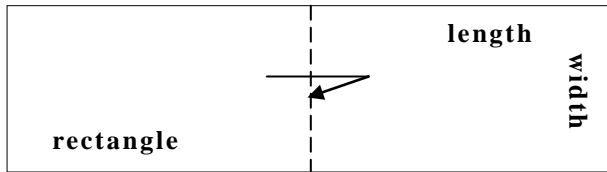
corner

bottom

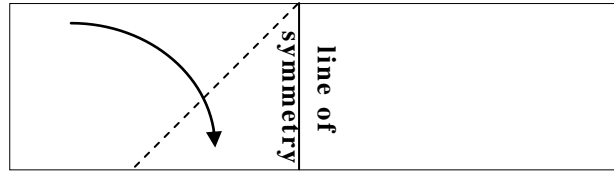
Additional Activities:

1. Make several Math in Motion hearts of different sizes. Teach the concept of small, smaller, smallest or big, bigger, biggest. ❤️ ❤️ ❤️
2. Make a heart for Valentine's Day. Write a heartfelt message inside. Write a poem of love and friendship and attach it to the heart.
3. For St. Patrick's Day, make three green hearts to form a shamrock. 🍀
4. Reinforce communication between parents and children. Write love notes. Tape the ❤️ to the child's shirt with a message inside. "Ask me how my day went" or "Tell me how much I mean to you." Make it a weekly ritual.

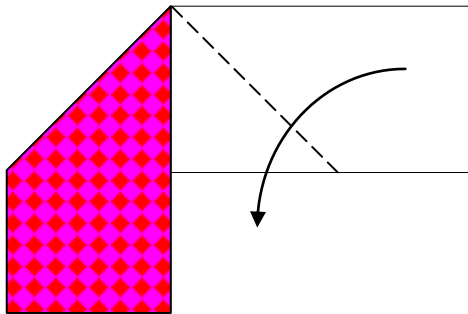
Heart



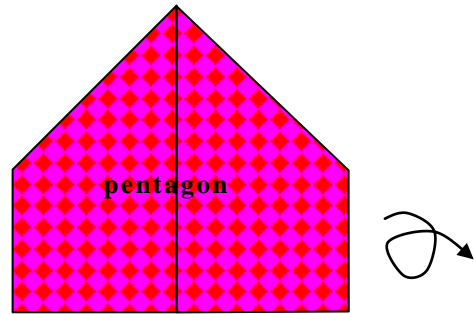
1 Start with a rectangle, white side up. Place on the table with the length (long edges) at the top and bottom. Fold in half widthwise (Book fold). Unfold.



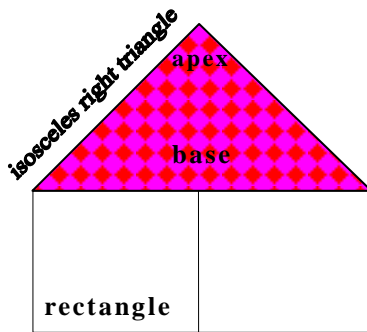
2 Fold the top left edge down along the line of symmetry (center crease).



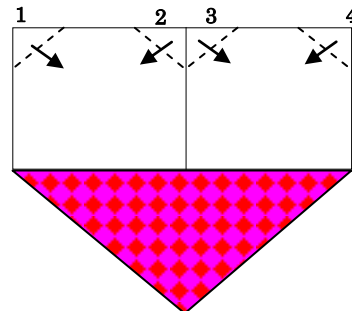
3 Fold the top right edge down to meet the center crease.



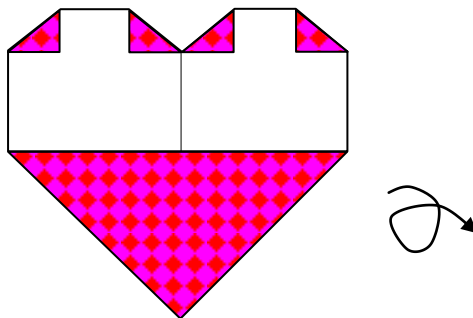
4 It looks like a tent. Turn over.



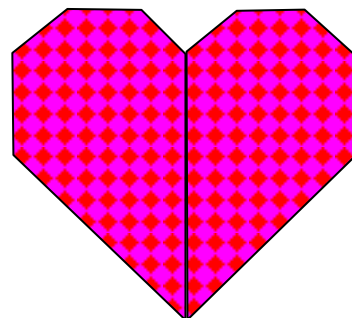
5 Now it looks like a house.



6 Turn the top around to the bottom. See the four corners at the top. Fold each corner down to form a small triangle.



7 Now it looks like this. Can you find all ten (10) sides—you have a decagon! Turn over.



8 Write a special message inside. Make up a heartfelt saying. I love math! Give your heart to art! Teaching is a work of heart! I love you!