

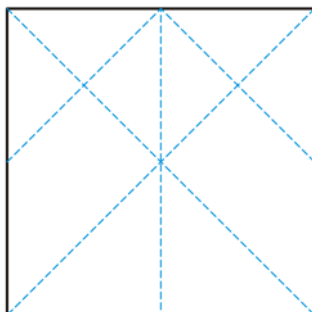
Making Parallelograms

NAME _____

To create an origami octagon, you will need to make eight copies of the parallelogram described below. Create four each of two different colors. When you put them together, alternate the colors to make a more interesting design. As you fold your first parallelogram, determine the area and perimeter at each step, and record your answers below.

Create *valley folds* by folding...

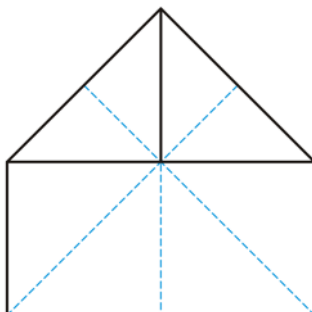
- down the center;
- from corner to corner; and,
- from each upper corner to the center.



Perimeter: _____

Area: _____

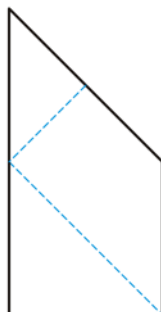
Fold the upper corners into the center.



Perimeter: _____

Area: _____

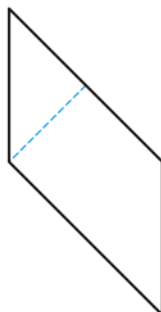
Fold the figure in half, along the center line.



Perimeter: _____

Area: _____

Push the corner of the lower-left triangle up into the middle to finish the parallelogram.



Perimeter: _____

Area: _____