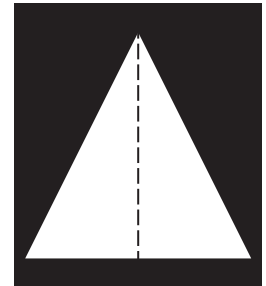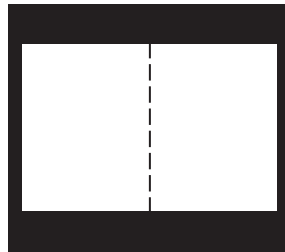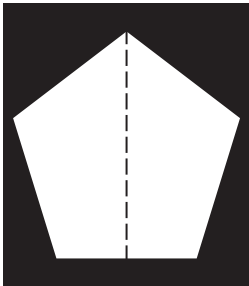# 2D Geometry

Activity 3 - Lines of Symmetry

A shape is symmetrical if both parts overlap exactly when it is folded in half. The following are examples of symmetrical polygons. The dotted lines represent the line of symmetry.

Symmetry is found in many places, even in nature. Butterflies are interesting insects. One of the most interesting things about them is that the left side of a butterfly's body is a mirror-image of the right side. This means that the right and left sides of a butterfly's body are symmetrical. Try drawing the line of symmetry on this butterfly.
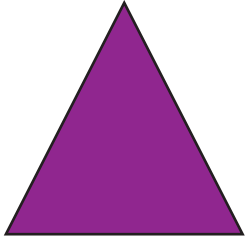
Now that you have had practice, try drawing the lines of symmetry for each polygon on the next page. Write the number of lines of symmetry each polygon has on the line below it. Good luck!
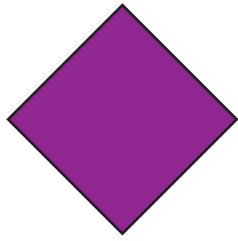
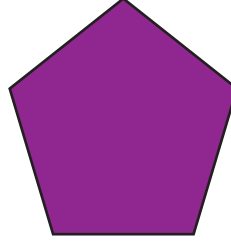# Can you believe THIS is math?

2D Geometry
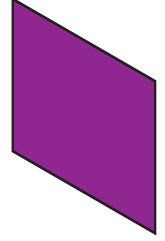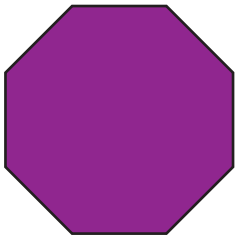
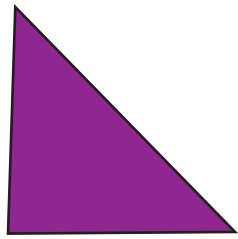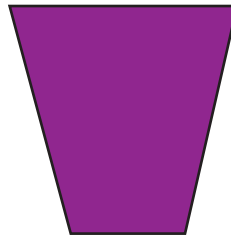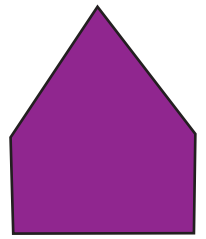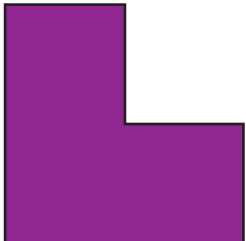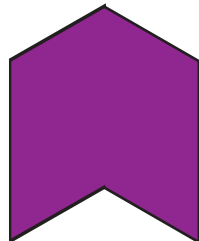## Activity 3 - Lines of Symmetry - *continued*
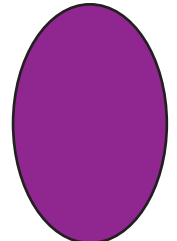
Lines: _____   # Lines: _____   # Lines: _____   # Lines: _____

Lines: _____   # Lines: _____   # Lines: _____   # Lines: _____

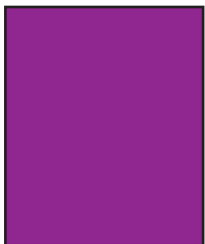# Lines: _____   # Lines: _____   # Lines: _____   # Lines: _____

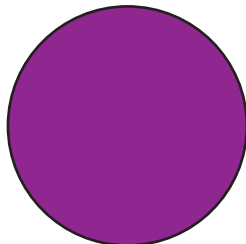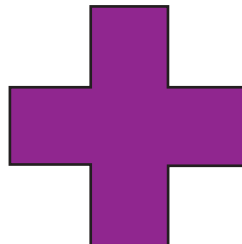# Lines: _____   # Lines: _____   # Lines: _____   # Lines: _____
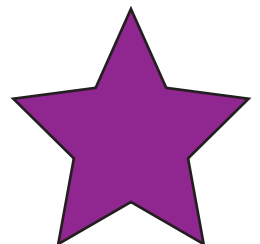
Can you believe THIS is math?