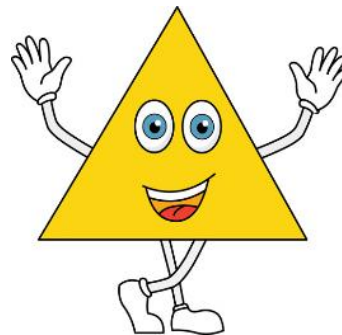


Math Investigation Center

Greedy Shapes

Unit of Study 11



Core Correlation: 2.G.1

DOK: 3

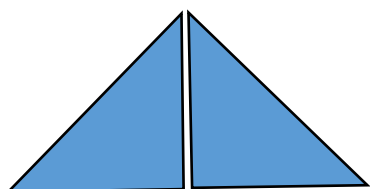
Type of Activity: Math and Literature

Materials: Greedy Shapes cutouts; tape or glue; scissors; poster paper; pencil; The Greedy Triangle by Marilyn Burns

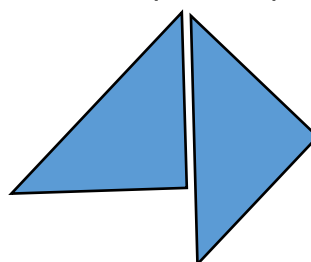
Introduction: Be a shape shifter to help the Greedy Triangle find all the different shapes it can be.

Instructions:

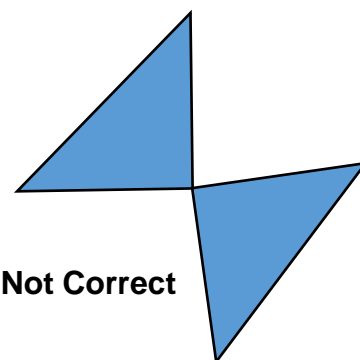
- Read or listen to the story, The Greedy Triangle by Marilyn Burns <https://www.youtube.com/watch?v=aE0yle-z5uE>
- Carefully cut out the isosceles triangles from the Greedy Shapes Cut Outs page.
- Use two triangles and place them together along edges with no overlapping. The triangles need to touch full side to full side and not point-to-point.



Correct

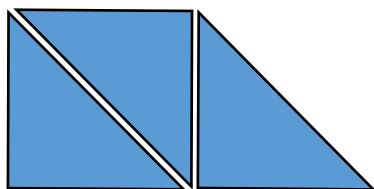


Not Correct

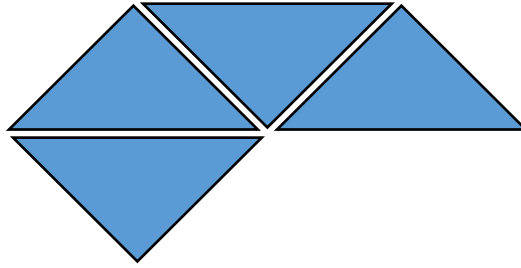


Not Correct

- How many different shapes can you make?
- Sort and classify the shapes.
- Attach the shapes to a poster according to the classification.
- How many shapes would be possible with three triangles? Four triangles?
- Build, sort and classify the shapes with three triangles. Here's an example:



- Build, sort and classify the shapes with four triangles. Here's an example:



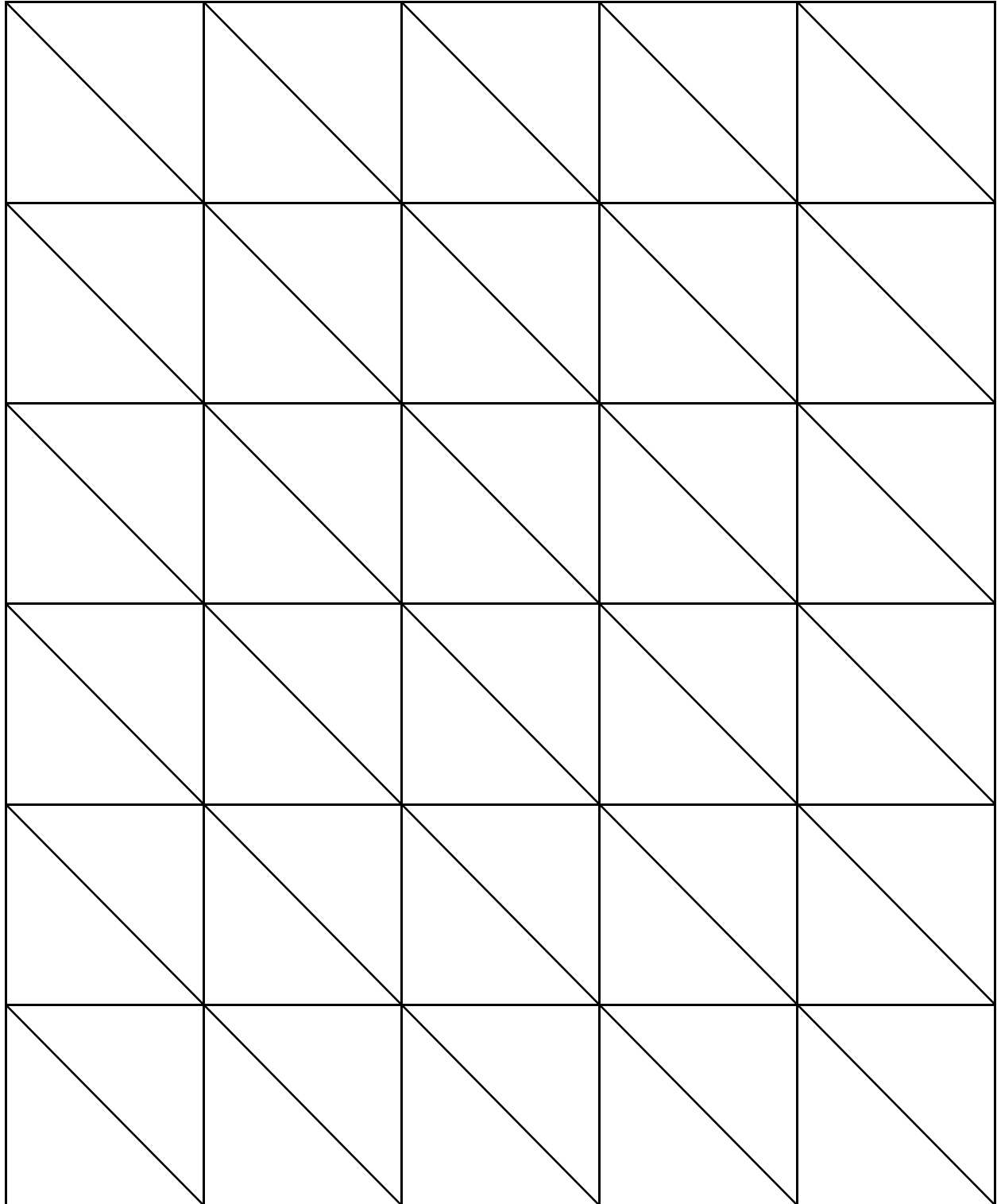
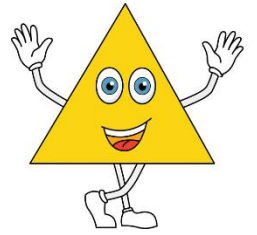
Assessment:

Grade will be determined by

- Completion of the 2 triangle poster
- Completion of the 3 triangle poster
- Completion of the 4 triangle poster

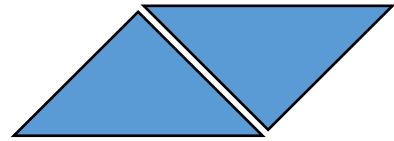
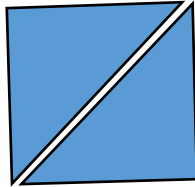
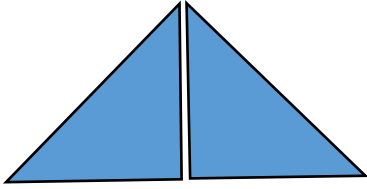
Greedy Shapes Cut Outs

Isosceles Triangles



Greedy Shapes Answer Key

Two Triangles



Three Triangles

