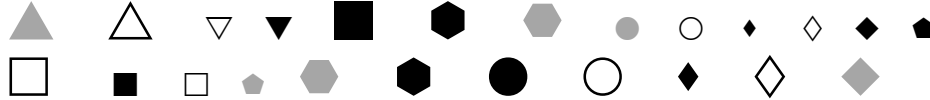


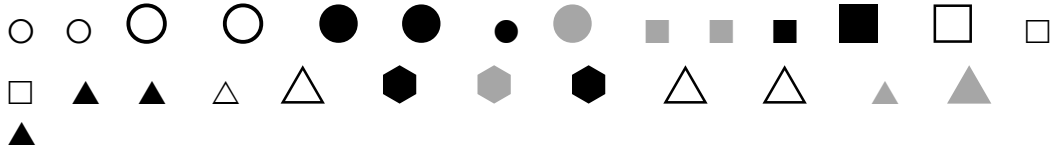
Shape Sorter

Exploration Questions

1. Circle each shape that follows the rule BLACK. Underline each shape that follows the rule SMALL. Draw a square around each shape that would fit in the intersection of the rules BLACK and SMALL.



2. Circle each shape that follows the rule LARGE. Underline each shape that follows the rule THREE OR MORE VERTICES. Draw a square around each shape that would fit in the intersection of the rules LARGE and THREE OR MORE VERTICES.



3. Why do some Venn diagrams have intersecting circles while others do not? For example, why would circles with rules SQUARE and LARGE intersect but circles with rules CIRCLE and THREE POINTS not intersect?

4. What are the possible rules for the two Circles in this Venn diagram?

