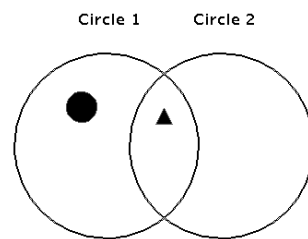# Venn Diagram
Algorithm Worksheet

1. When guessing the rules for this Venn diagram, circle the shapes you would try to place in Circle 2? Explain your reasoning.

Given Shapes: ⬤ ◯ ● ● ● ● ☐ ☐ ■ ■ ■ ■ △ △ ▲ ▲ ▲ ▲

2. If the intersection of two circles had a large red hexagon what are the possible rules for each circle? What would you need to find out to know for sure?

3. If a HEXAGON and TRIANGLE stay in the same circle of a Venn diagram, what are all the possible rules for that area of the Venn diagram?