

Organize Polygons on a Venn Diagram

What You Need

- Recording Sheet



Check Understanding

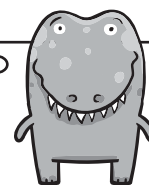
Stacey says that a square is a rectangle.
Tyron says that a square is a rhombus.
Who is correct?
Explain your answer.

What You Do

1. Take turns. Choose one of the polygons on the **Recording Sheet**.
2. Point to the *most specific* placement of the figure on the Venn diagram. Explain your reasoning.
3. If your partner agrees, write the number of the polygon in the correct location in the Venn diagram.
4. Repeat until all eight shapes have been placed in the Venn diagram.

A Venn diagram shows how properties are shared.

- *A category inside another category has all the properties of that category plus some other properties.*
- *Categories that overlap have the properties of both categories plus one or more other properties.*



Go Further!

Draw a different polygon for each category in the Venn diagram. Exchange papers with your partner and check each other's answers.



Organize Polygons on a Venn Diagram

