Unit 8, Lesson 1

Ways to Look at Figures

Let's sort flat figures.

Warm-up

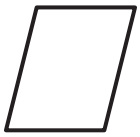
Which Three Go Together: Geometric Figures

Which 3 go together?

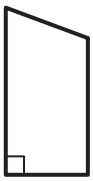
A



B



C



D



Activity 1

Card Sort: Shapes

Your teacher will give you a set of cards that show flat figures.

1. Sort the cards into 3–5 categories in a way that makes sense to you. For each category, write a title on a sticky note. Be ready to explain the meaning of your categories.

2. Share your categories with another group. Take turns listening to each other's explanations.
   - Do your categories make sense to them?
   - Do their categories make sense to you?
   - Any suggestions or corrections?

3. Cover or hide the titles of your categories. Trade places with another group. Study their sorted cards while they study yours.

   Guess the other group's categories and how they sorted the figures.

Activity 2

Guess the Category

Partner A:

- Record a category from the first activity (or think of a new one). Don't show it to your partner.
- Find 3 figures that fit the category and 3 figures that *do not* fit. Record each figure's letter name in the correct column of the table.

Partner B:

- Study the figures chosen by your partner.
- Pick another figure from the cards. Ask: "Does this shape fit in your category?"
- Find 2 figures that fit the category and 2 figures that *do not* fit.
- Guess the category. If your guess is incorrect, ask more questions before guessing again.

Switch roles after the category is guessed correctly.

- Partner A's category: _____

fit the category	do not fit the category

- Partner B's category: _____

fit the category	do not fit the category