

KEY CONCEPT OVERVIEW

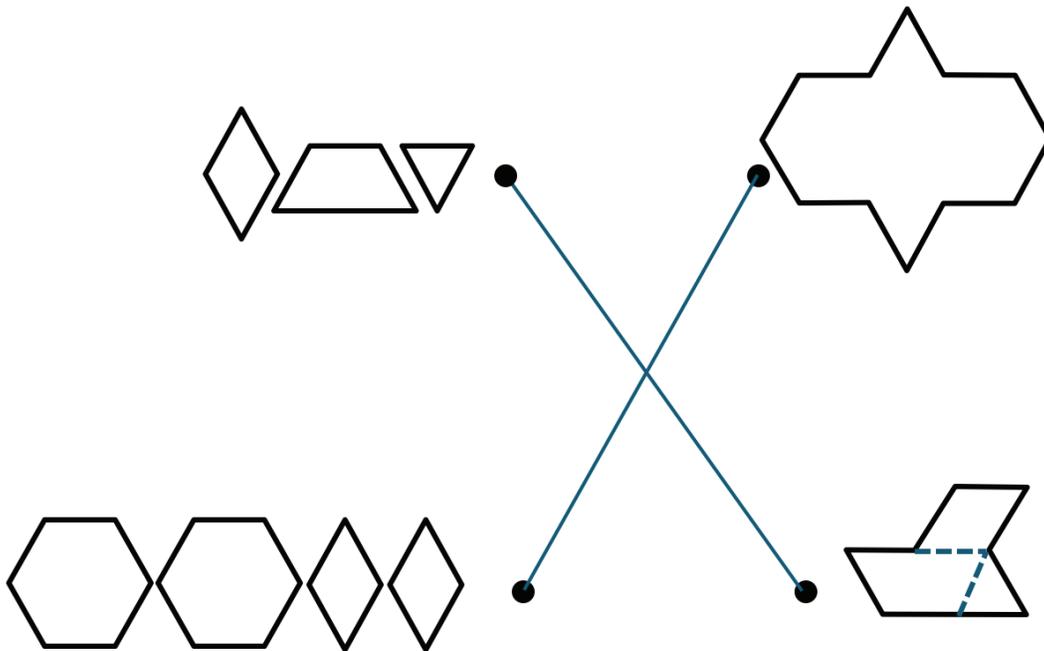
During the next few days, our math class will use shapes to build a new shape. For example, students will discover that they can make a rectangle by combining two squares. Students will then explore how to find hidden shapes within a larger shape, thus receiving an introduction to puzzles.

You can expect to see homework that asks your child to do the following:

- Match a group of shapes with the new shape that is made by putting the shapes in the group together.
- Use small triangles to make new shapes. Draw lines to show where the triangles could fit in the new shape.
- Use a ruler to draw straight lines through a shape to make smaller or different shapes.

SAMPLE PROBLEM (From Lesson 5)

Match each group of shapes on the left with the new shape the group makes when its shapes are put together.



Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

HOW YOU CAN HELP AT HOME

- Encourage your child to draw shapes (e.g., circles, triangles) or to find examples of two- and three-dimensional objects around the home (e.g., paper, orange, tissue box).
- Create a larger shape by cutting out and pasting together smaller shapes or by putting together real-world objects. Ask your child to get out the cutout triangles from the homework. Encourage her to put together the triangles to build larger shapes.
- Invite your child to complete a puzzle with you.