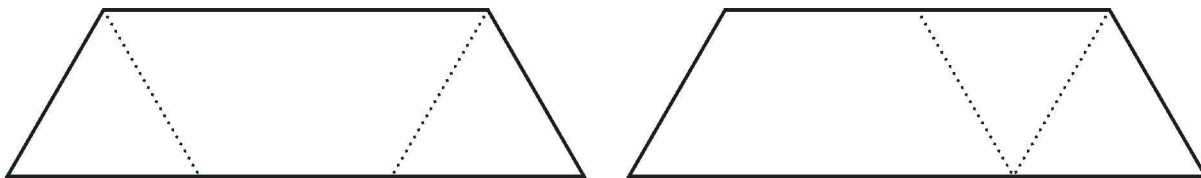


LESSON
6•10**Congruent Shapes****Exploration A:**

You need:

- Math Masters*, p. 189
- Scissors and tape
- Construction paper
- 1 trapezoid and 2 triangle pattern blocks
- Pattern-Block Template
- Unlined paper

1. Carefully cut out the shapes on *Math Masters*, page 189.
2. Match the congruent shapes to make 3 sets of shapes. They may be turned or flipped.
3. Tape the shapes in sets onto a piece of construction paper.
4. Use 1 trapezoid and 2 triangle pattern blocks. Place the blocks onto one of the congruent shapes. Use your template or trace around the blocks to show what you did.
5. Use the same pattern blocks in different arrangements to cover each of the remaining shapes, one at a time. Use your template or trace around the blocks to show what you did each time.

Example:

6. For each congruent set, make as many different arrangements with the 3 pattern blocks as you can.
7. Trace the blocks onto blank paper. Cut out the shapes and tape them in the set where they belong on your construction paper.