## Lesson 6: Compose and Decompose Shapes

* Let’s make shapes with equal-size smaller shapes.

### Warm-up: Notice and Wonder: A Picture of Shapes

What do you notice? What do you wonder?



### 6.1: Many Ways to Compose Shapes

Mai used pattern blocks to make this design. Work with a partner to make the same design without using any yellow hexagons.



### 6.2: Compose Shapes with Equal-size Pieces

What is the same? What is different?







* Compose 3 different shapes using 2, 3, or 4 of the same equal-size shape.
* Show the outline of each block on the grid paper.
* Name each shape and explain how you composed it.
1. I used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* to compose a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
1. I used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* to compose a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
1. I used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* to compose a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



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