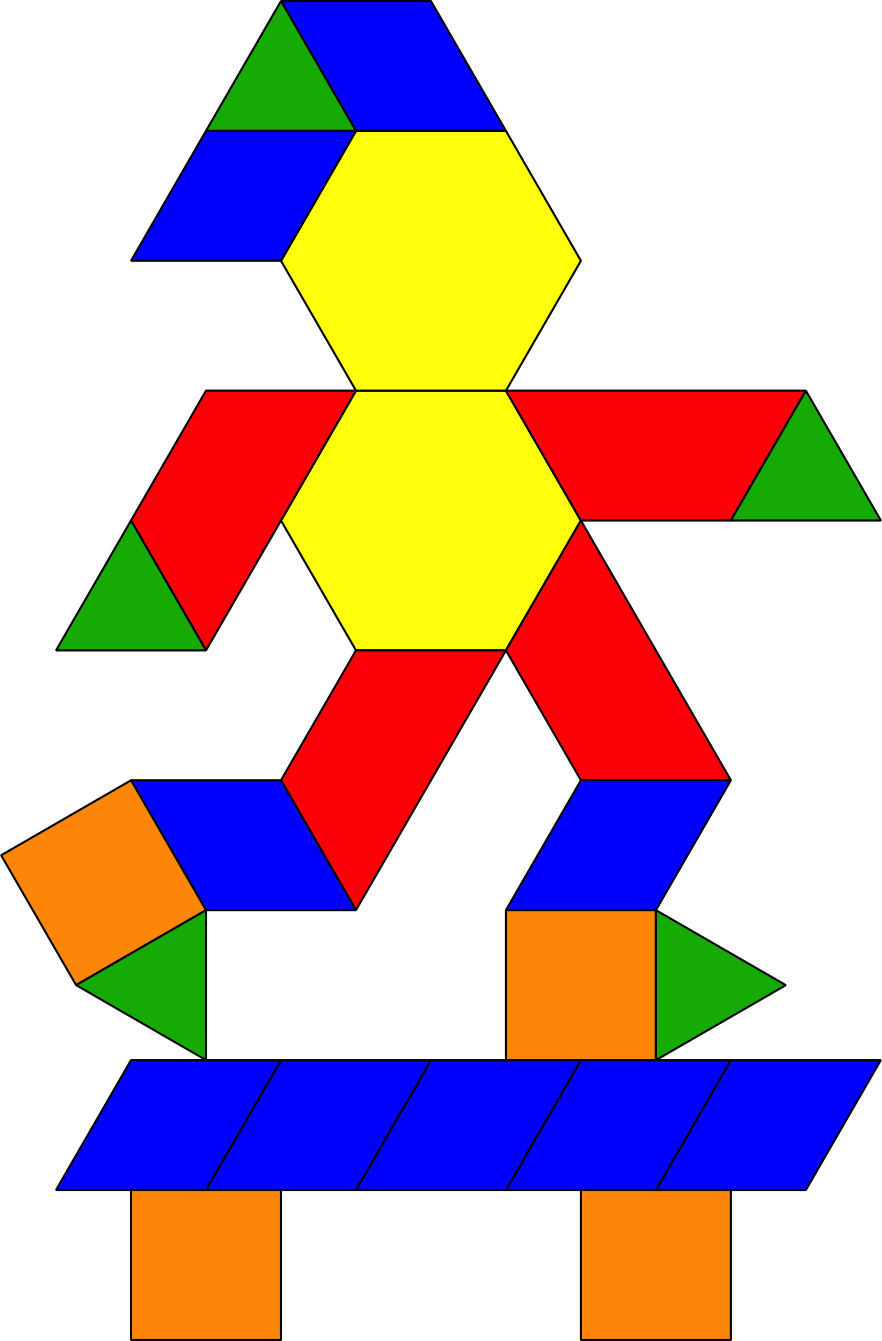
## Unit 6 Lesson 6: Compose and Decompose Shapes

### WU Notice and Wonder: A Picture of Shapes (Warm up)

#### Student Task Statement

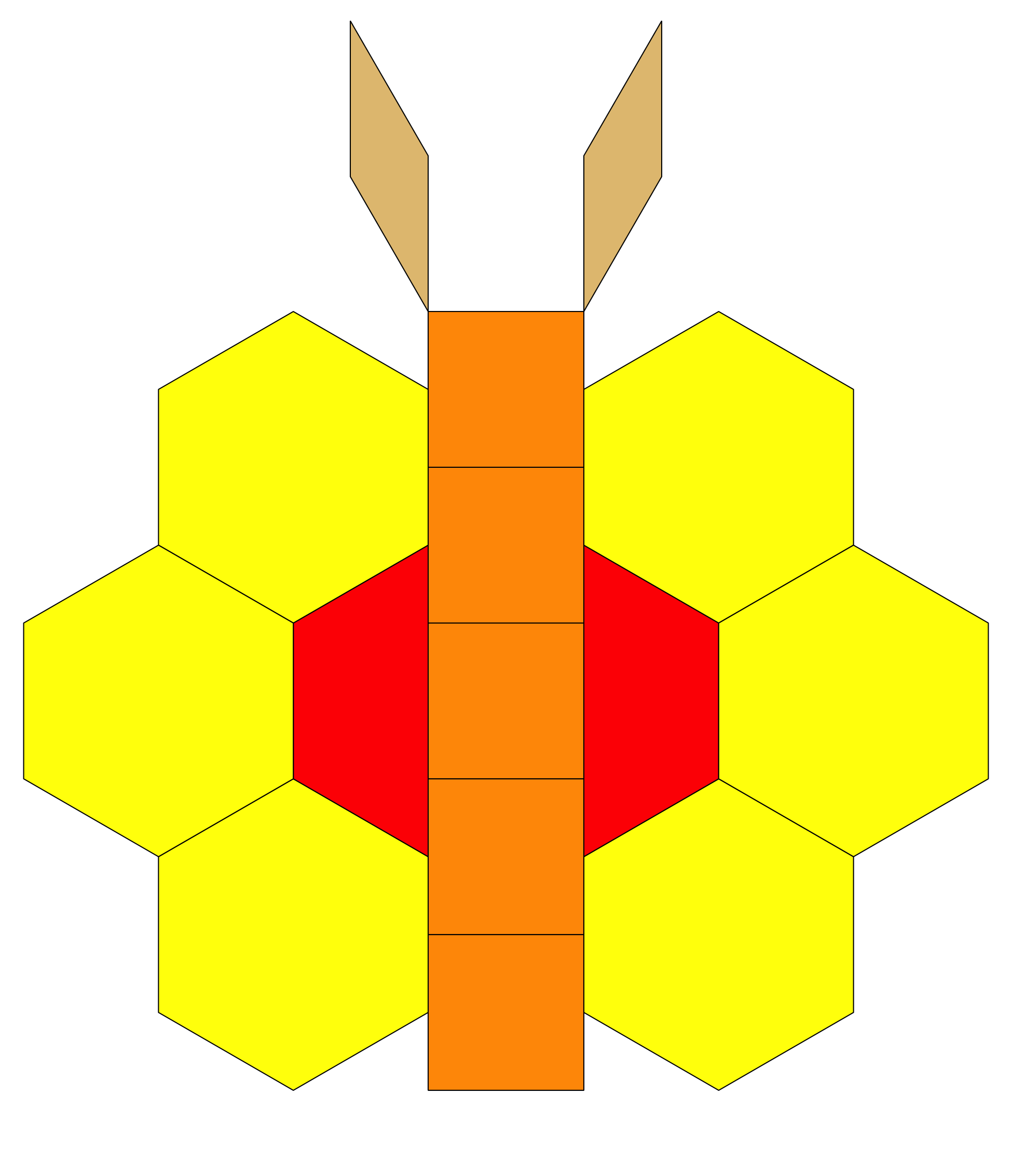
What do you notice? What do you wonder?



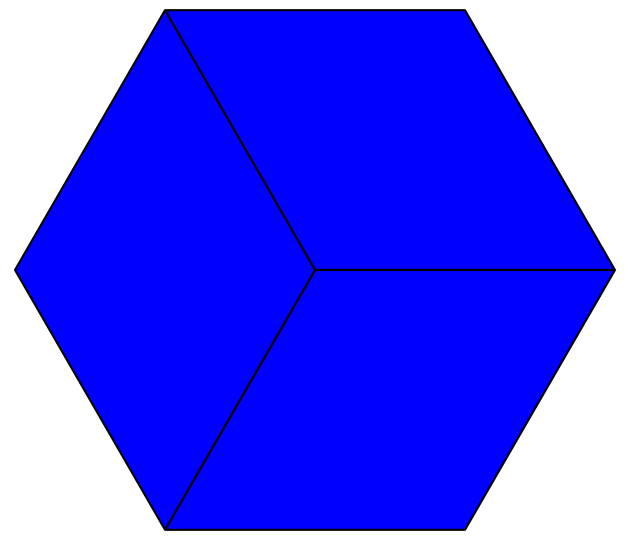
### 1 Many Ways to Compose Shapes

#### Student Task Statement

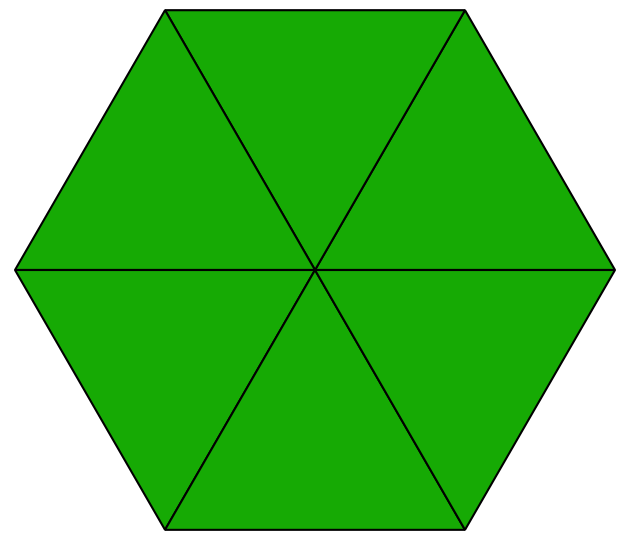
Mai used pattern blocks to make this design. Work with a partner to make the same design without using any yellow hexagons.

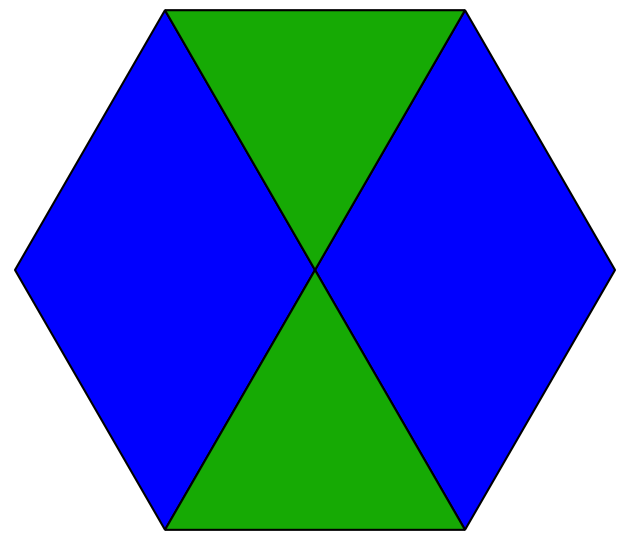


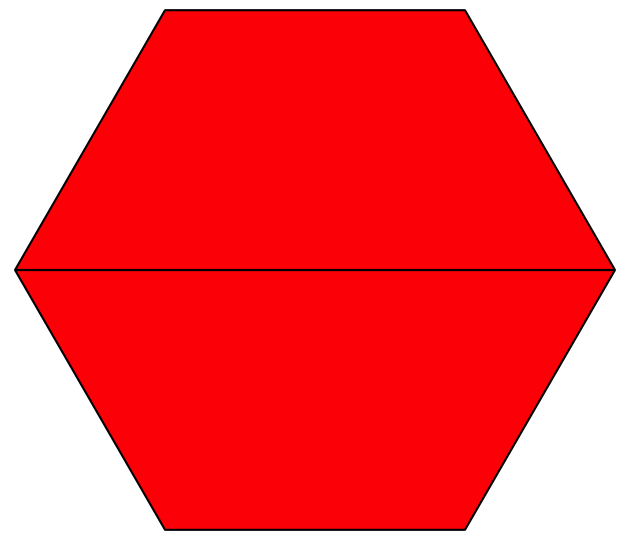
#### Activity Synthesis

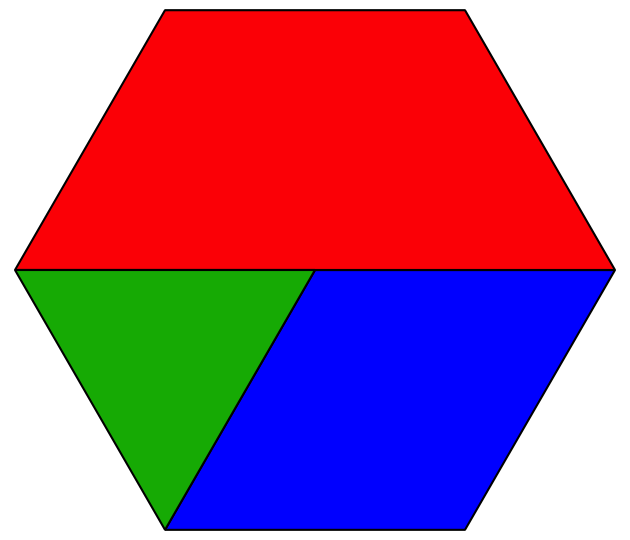








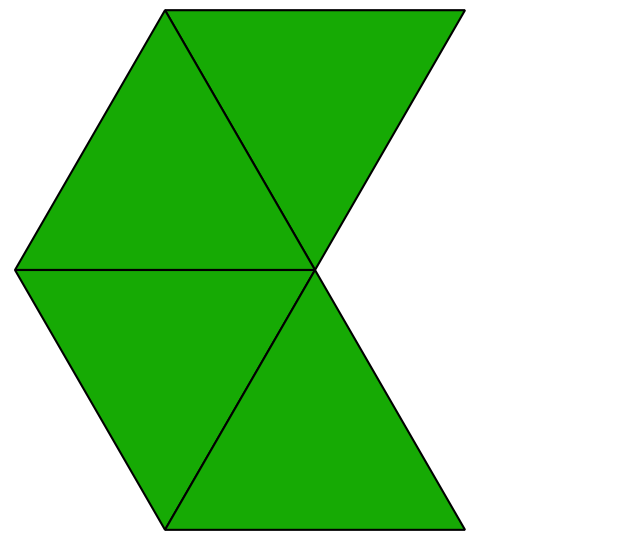


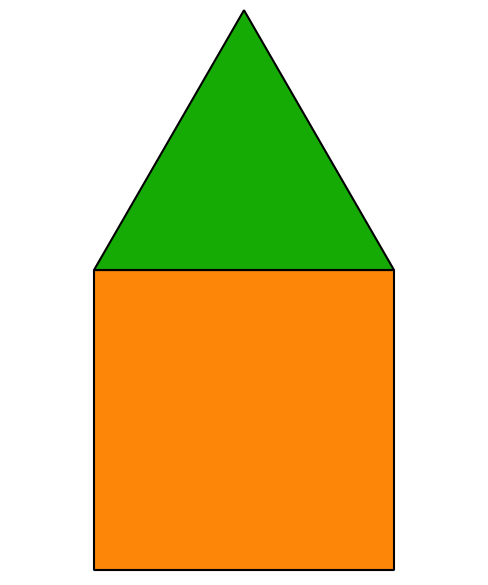


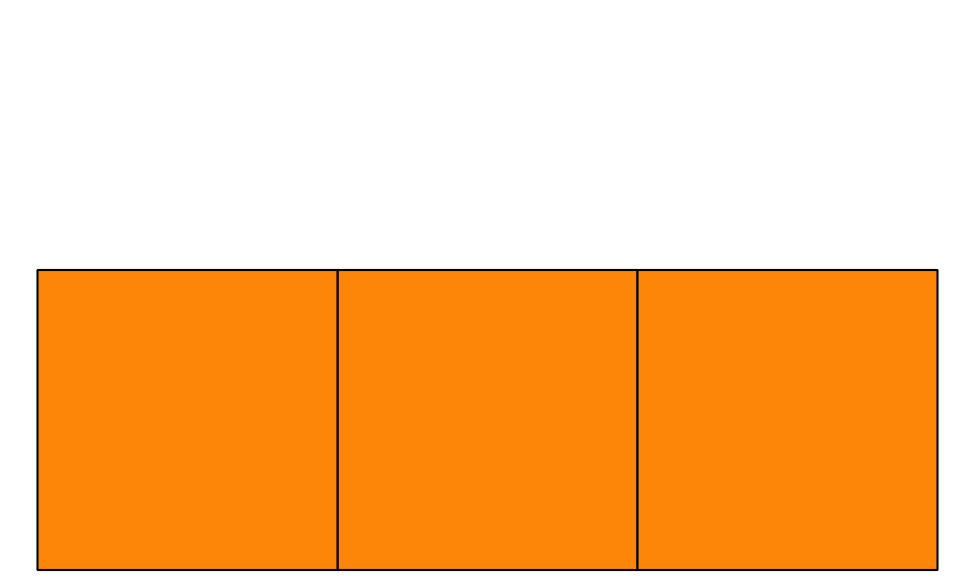
### 2 Compose Shapes with Equal-size Pieces

#### Student Task Statement

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



© CC BY 2021 Illustrative Mathematics®