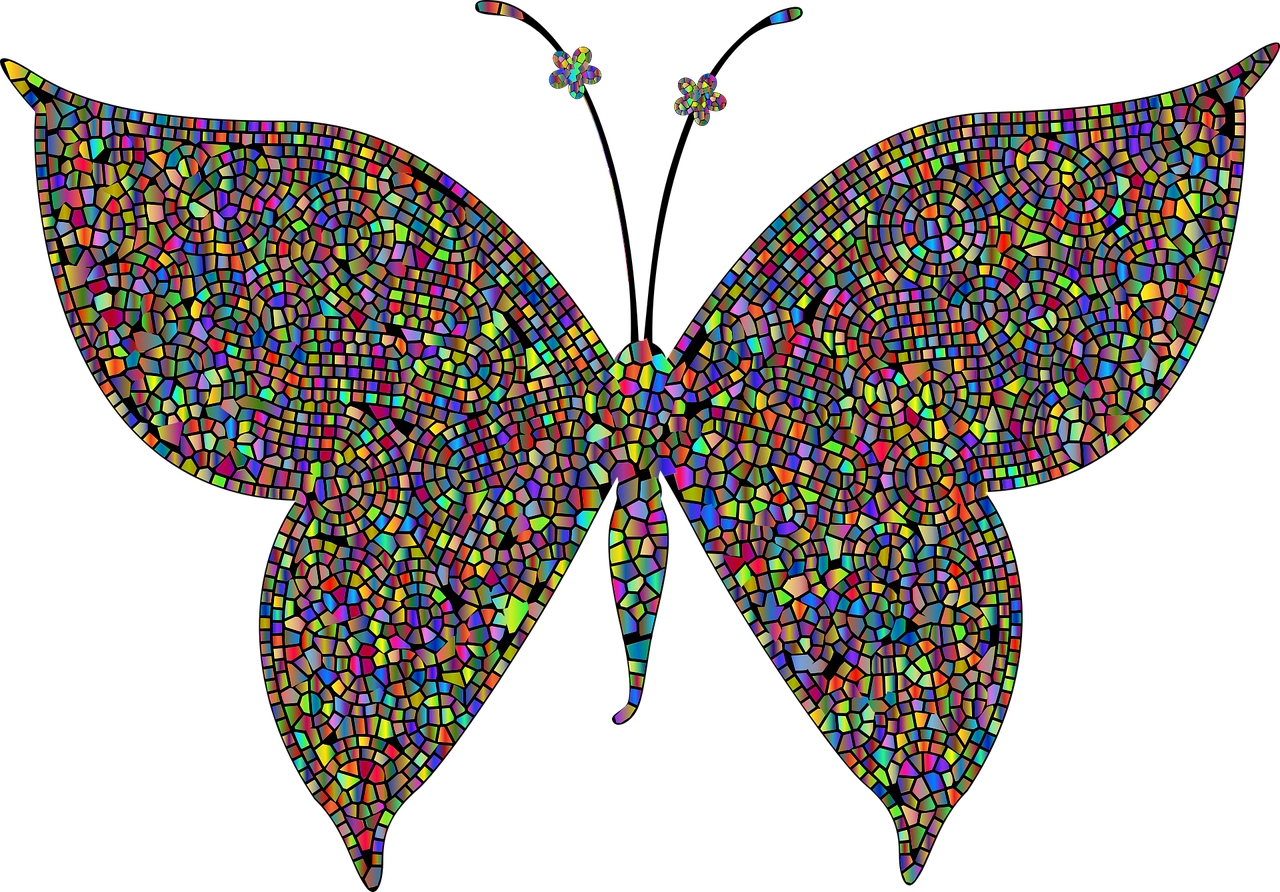
## Unit 2 Lesson 17: Mosaic Pictures

### WU Notice and Wonder: Mosaic (Warm up)

#### Student Task Statement

What do you notice? What do you wonder?



### 1 Create a Mosaic

#### Student Task Statement

1. Use the colored paper and scissors to cut identical rectangles. Make sure the measurement of one side of the rectangle is a whole number and the other is a fraction greater than 1.
2. What is the area of one of your rectangles? Show your reasoning.
3. Use the rectangles from your group to make a group mosaic by arranging some of the different colored rectangles on a blank piece of paper.

### 2 Cost of Mosaic

#### Student Task Statement

About how much would it cost to create your mosaic with your preferred material? Explain or show your reasoning.

| Material | Cost per square unit |
| --- | --- |
| Stone | $5 |
| Tile | $3 |
| Glass | $2 |



© CC BY 2021 Illustrative Mathematics®