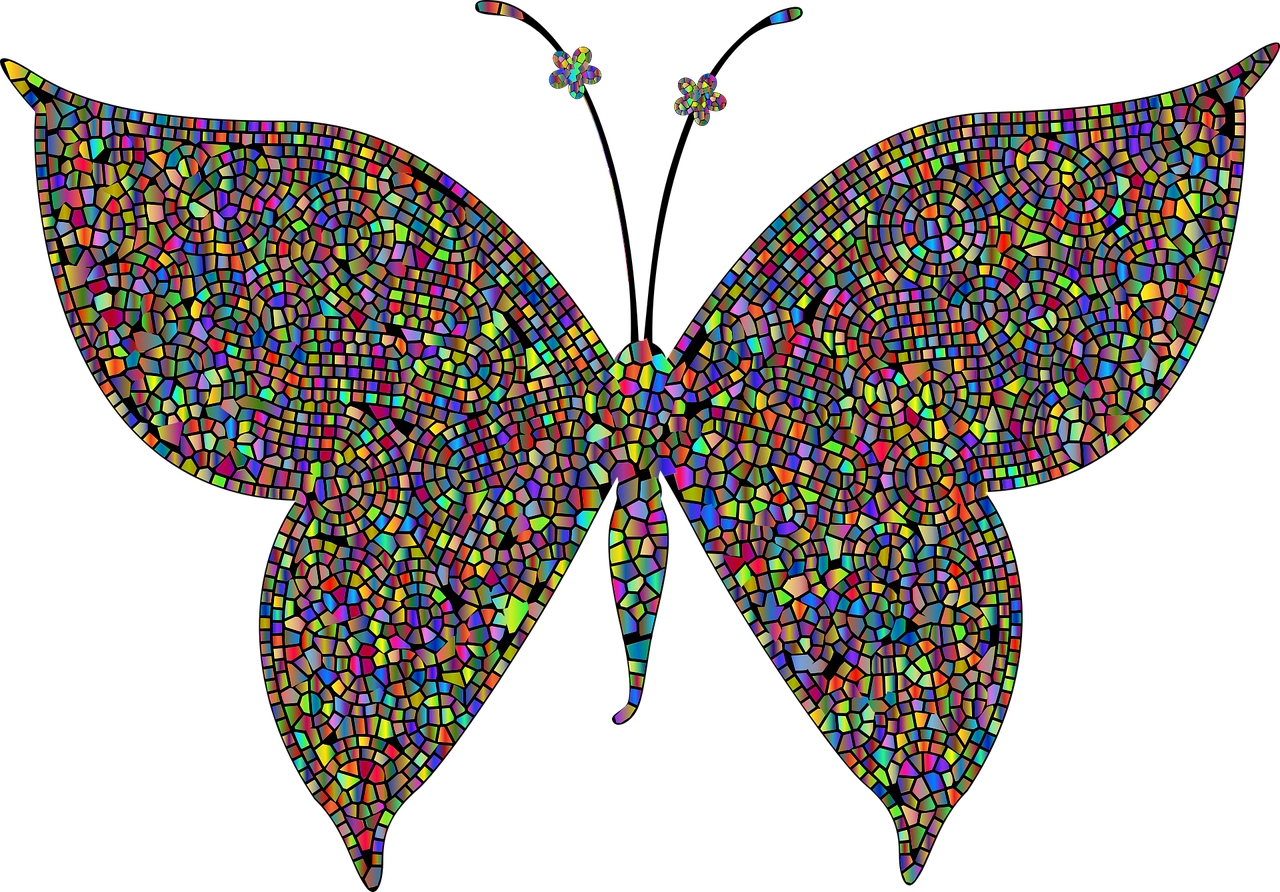
## Lesson 17: Mosaic Pictures

* Let’s make a mosaic.

### Warm-up: Notice and Wonder: Mosaic

What do you notice? What do you wonder?



### 17.1: Create a Mosaic

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.

### 17.2: Cost of Mosaic

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 |



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