



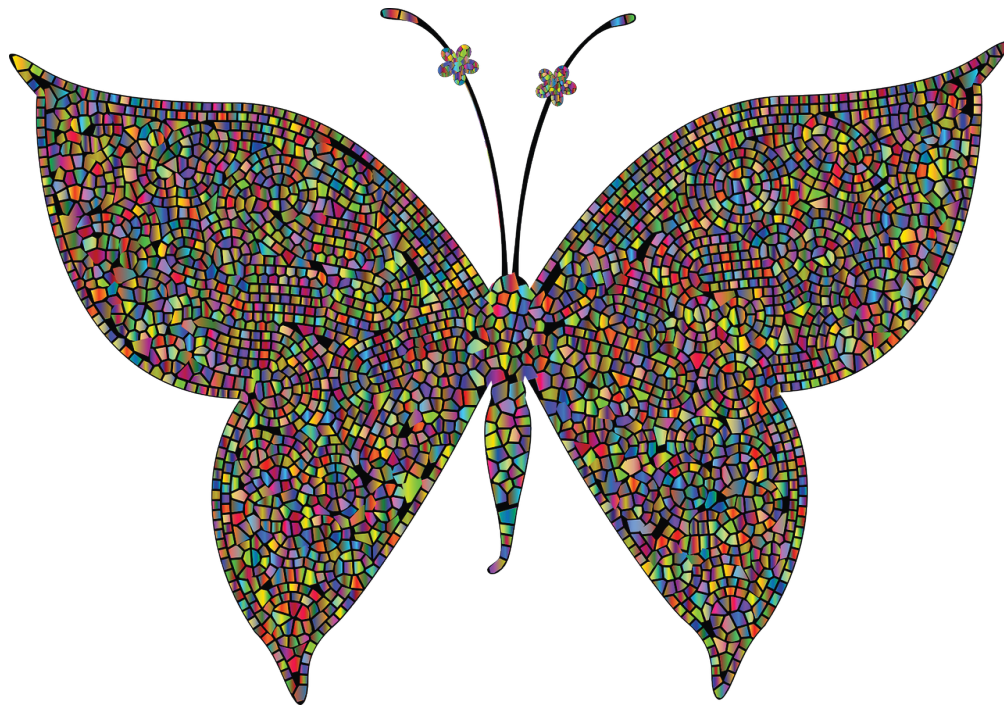
# Mosaic Pictures

Let's make a design for a mosaic.

Warm-up

## Notice and Wonder: Mosaic

What do you notice? What do you wonder?



## Activity 1

### Create a Mosaic Design

1. Use colored paper and scissors to cut at least 2 identical rectangles. Make sure the measurement of one side of the rectangle is a whole number of inches and the other is a fraction greater than 1 inch.
2. What is the area of one of your rectangles? Explain or show your reasoning.
3. Arrange some or all of the rectangles from your group on a piece of chart paper to show a design for a mosaic.



## Activity 2

### Cost of Mosaic

Choose one material in the table. About how much would it cost to create your mosaic with that material? Explain or show your reasoning.

| material | cost per square inch |
|----------|----------------------|
| Stone    | \$5                  |
| Tile     | \$3                  |
| Glass    | \$2                  |