Unit 1, Lesson 8

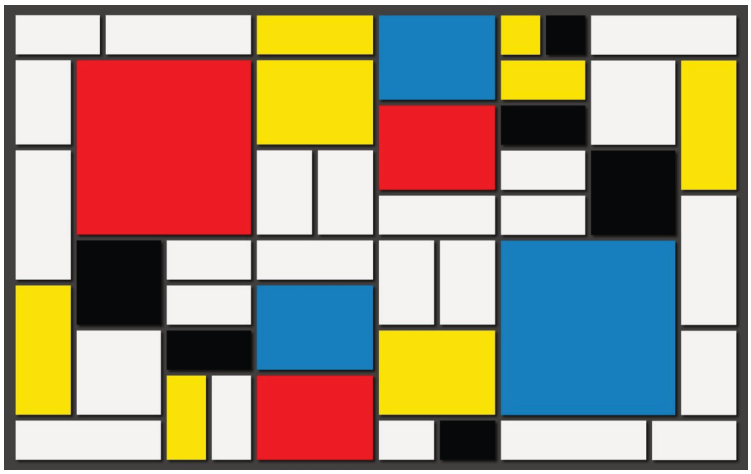
Mondrian's Art

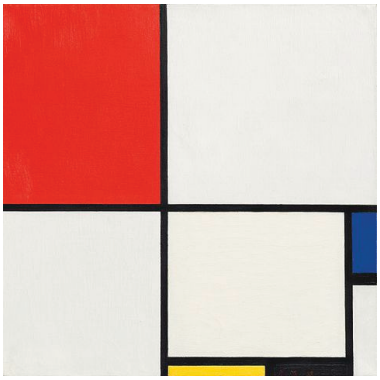
Let’s make art with rectangles.

Warm-up

Notice and Wonder: Piet Mondrian’s Art

What do you notice? What do you wonder?





Activity 1

My Rectangle Art

1. Use grid paper to create a plan for your own artwork that uses at least 12 rectangles.
   a. The areas of the rectangles should represent at least three of the following:

      _____ all the factors of a number

      _____ at least 6 multiples of a number

      _____ prime numbers

      _____ composite numbers

   b. Explain or show your reasoning.
2. Turn your grid paper over and trace your design with a black marker or crayon. Color the design to emphasize the choices you made and give your artwork a title.

Activity 2

Analyze the Rectangles

Trade artwork with your partner.

Describe which of the following you see in the area of the rectangles in your partner's artwork:

- It shows all the factors of a number.
- It shows at least 6 multiples of a number.
- It shows prime numbers.
- It shows composite numbers.