



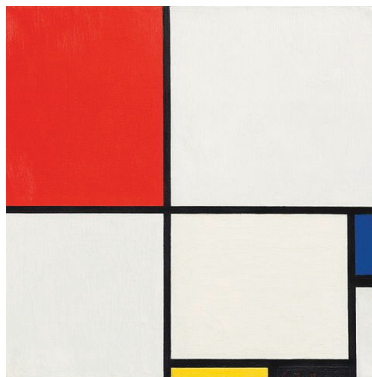
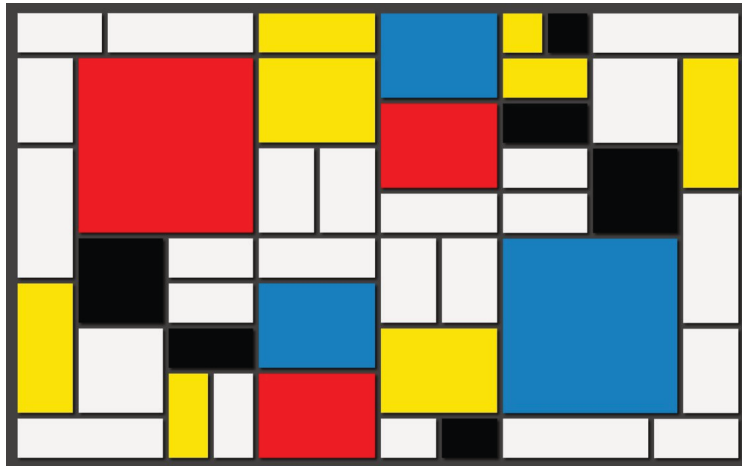
# Mondrian's Art

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.

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