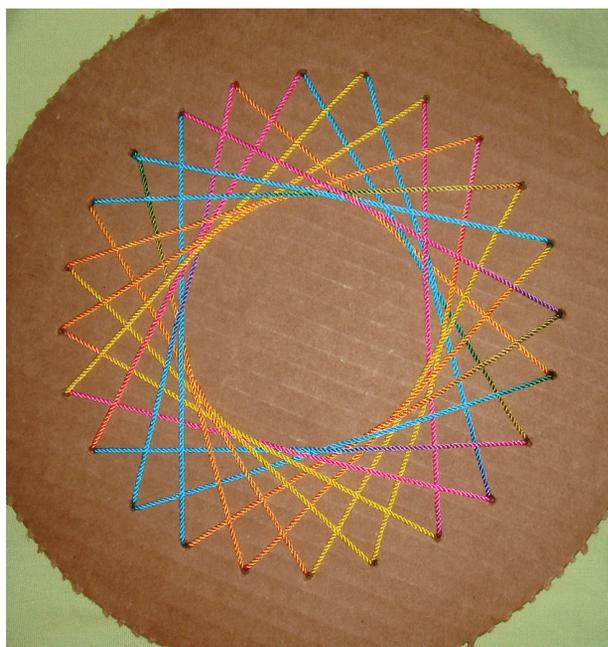


Lesson 1: How Would You Describe These Figures?

- Let's draw and describe geometric figures.

Warm-up: Notice and Wonder: String Art

What do you notice? What do you wonder?



1.1: Do You See What I See?

Work with a partner in this activity. Sit back to back or use a divider to block each other's view.

Partner A:

- Your teacher will give you a card. Don't show it to your partner.
- Describe the image on the card—as clearly and precisely as possible—so that your partner can draw it on a blank card.

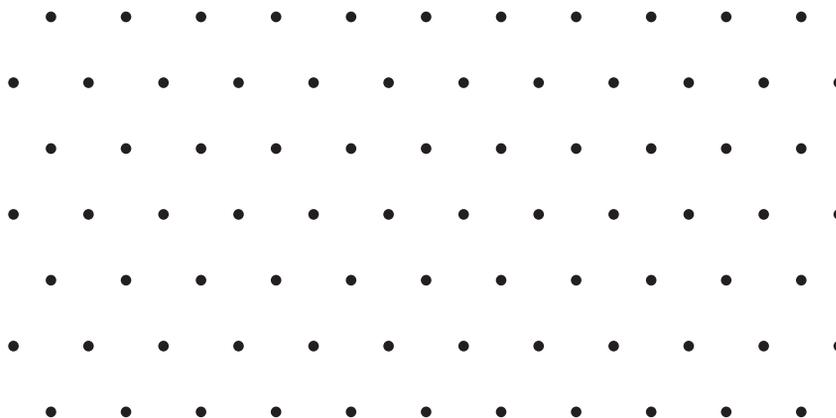
Partner B:

- Your teacher will give you a blank card.
- Your partner will describe an image. Listen carefully to the descriptions. On your card, create a drawing as described.

1. When done, compare the given image and the drawn image. Discuss:
 - Which parts were accurate? Which were off?
 - How could the descriptions be improved so the drawing could be more accurate?
 - Which words or descriptions are useful?
2. Try again with a second card from your teacher. When done, compare and discuss the images again.
3. Switch roles and repeat the exercise. Your teacher will give you 2 new cards (1 for each round).

1.2: Lines and Line Segments

Here is a field of dots.



1. Draw 5 lines, each one connecting at least 2 dots and extending as far as possible.
2. Did your lines make some familiar shapes or figures—perhaps a triangle, quadrilateral, a letter, or a number?

Identify at least one familiar shape or figure in your drawing. Trace the shape with a heavier mark or use a color pencil to make it obvious.

3. Share your drawing with your group members. Discuss:
 - How are the drawings alike? What do all the shapes have in common?
 - How are the drawings different?