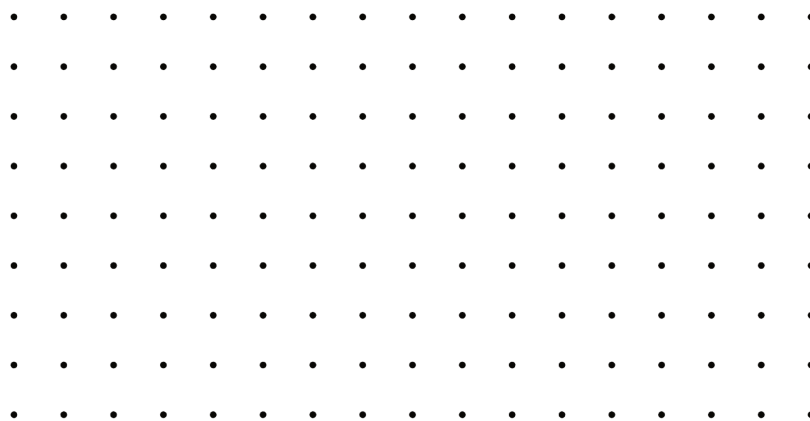


Section A: Practice Problems

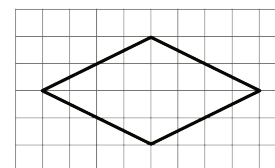
1. Pre-unit

Draw a rectangle on the grid and label it A. Draw a triangle and label it B. Draw a hexagon and label it C.



2. Pre-unit

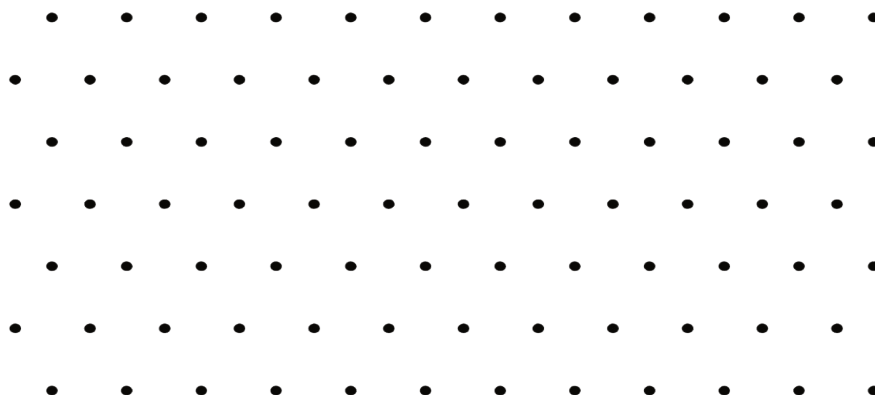
a. Is the shape a rhombus? Explain your reasoning.



b. Is the shape a rectangle? Explain your reasoning.

c. Is the shape a square? Explain your reasoning.

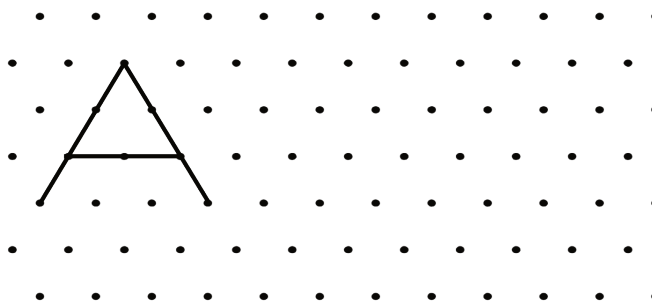
3. a. Draw 4 different lines through points on the grid. At least two of the lines should cross another line.



- b. Mark at least 3 different segments in your drawing.

(From Unit 7, Lesson 1.)

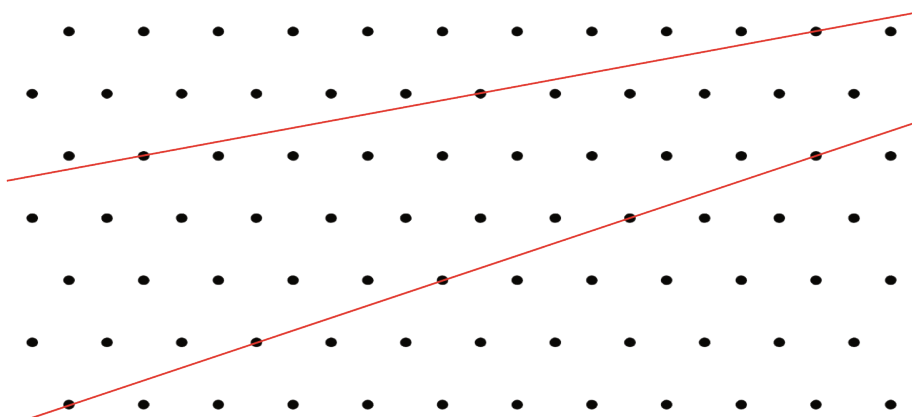
4. a. Circle the line segments that make up the letter A.



- b. Draw 4 rays that surround a rectangle.
 c. Can you find 4 different rays that surround the same rectangle?

(From Unit 7, Lesson 2.)

5. Andre says that these two lines are parallel because they do not intersect.



a. Explain why Andre is not correct.

b. Draw a line that is parallel to one of the lines in the image.

(From Unit 7, Lesson 3.)

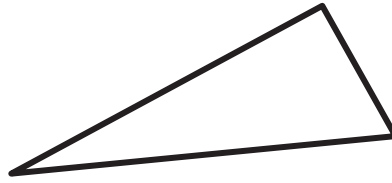
6. a. Which segments of the letter Z are a pair of parallel lines? Draw the lines.

b. Sketch a line that is parallel to the third segment in the Z.



(From Unit 7, Lesson 4.)

7.



- Find one angle in the figure. Draw a pair of rays to show the angle and extend them as far as you can.
- Find another angle in the figure. Draw a pair of rays to show it. Extend the rays as far as you can. (If you'd like, you can use a different colored pencil for this pair of rays.)
- Now that you have drawn some rays, do you see other angles that you didn't see before? If you see one or more, label each one with a letter.

(From Unit 7, Lesson 5.)

8. Exploration

Here is a riddle. Can you solve it?

"I am a capital letter made of more than 1 segment with no curved parts. I have no perpendicular segments or parallel segments. What letter could I be?"

9. Exploration



- Name or describe any shapes that you recognize in the painting.
- Do you see any parallel lines? If so, trace or circle them. (If you'd like, you can use a different colored pencil for each set of parallel lines.)
- Are there any angles in the painting? If so, mark them or describe where they are.