

Geometry Vocabulary Match

What You Need

- Recording Sheet



Check Understanding

What shape has 3 angles? Use the words *sides* and *angles* to tell how a shape with 3 angles is different from a quadrilateral.

What You Do

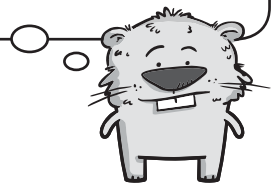
1. Choose a word on the **Recording Sheet**.
2. Say the word and describe or draw an example.
3. Your partner tells or draws a non-example for the word and explains why it is a non-example.
4. Draw a line to the definition.
5. Take turns until all the words have been used.

A quadrilateral always has 4 straight sides and 4 angles.

This is an example of a shape that is a quadrilateral.

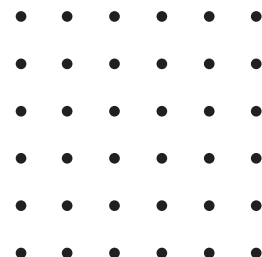


A circle is a non-example because it does not have 4 straight sides and 4 angles.



Go Further!

Use the dots at the right to draw a pentagon. Write a sentence telling how you know the shape is a pentagon. Use at least two words from the **Recording Sheet**.



Geometry Vocabulary Match**Math Words**

side

angle

triangle

quadrilateral

pentagon

hexagon

square

rectangle

Definitions

the corner where two sides of a shape meet

a shape with 4 straight sides and 4 angles

a straight line that is part of a shape

a shape with 3 straight sides and 3 angles

a shape with 6 straight sides and 6 angles

a quadrilateral with 4 straight sides that are the same length and with 4 square angles

a quadrilateral with 4 straight sides that are **not** all the same length and with 4 square angles

a shape with 5 straight sides and 5 angles



Attributes of Shapes

What You Need

- number cube
- 12 game markers in one color
- 12 game markers in a different color
- Game Board



Check Understanding

What shape has 5 sides? Tell two things you know about this shape.

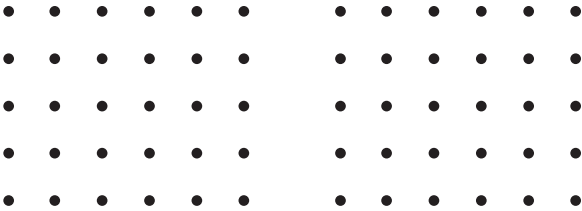
What You Do

1. Take turns. Roll the number cube. Read the words next to that toss in the table.
2. If you rolled 3, 4, 5, or 6, name the shape described. Say *triangle*, *quadrilateral*, *pentagon*, or *hexagon*. Cover an example of the shape you named on the **Game Board**. If those shapes are already taken, your turn ends.
3. Repeat until all the shapes are covered. The player with more markers on the **Game Board** wins.
4. Play again!

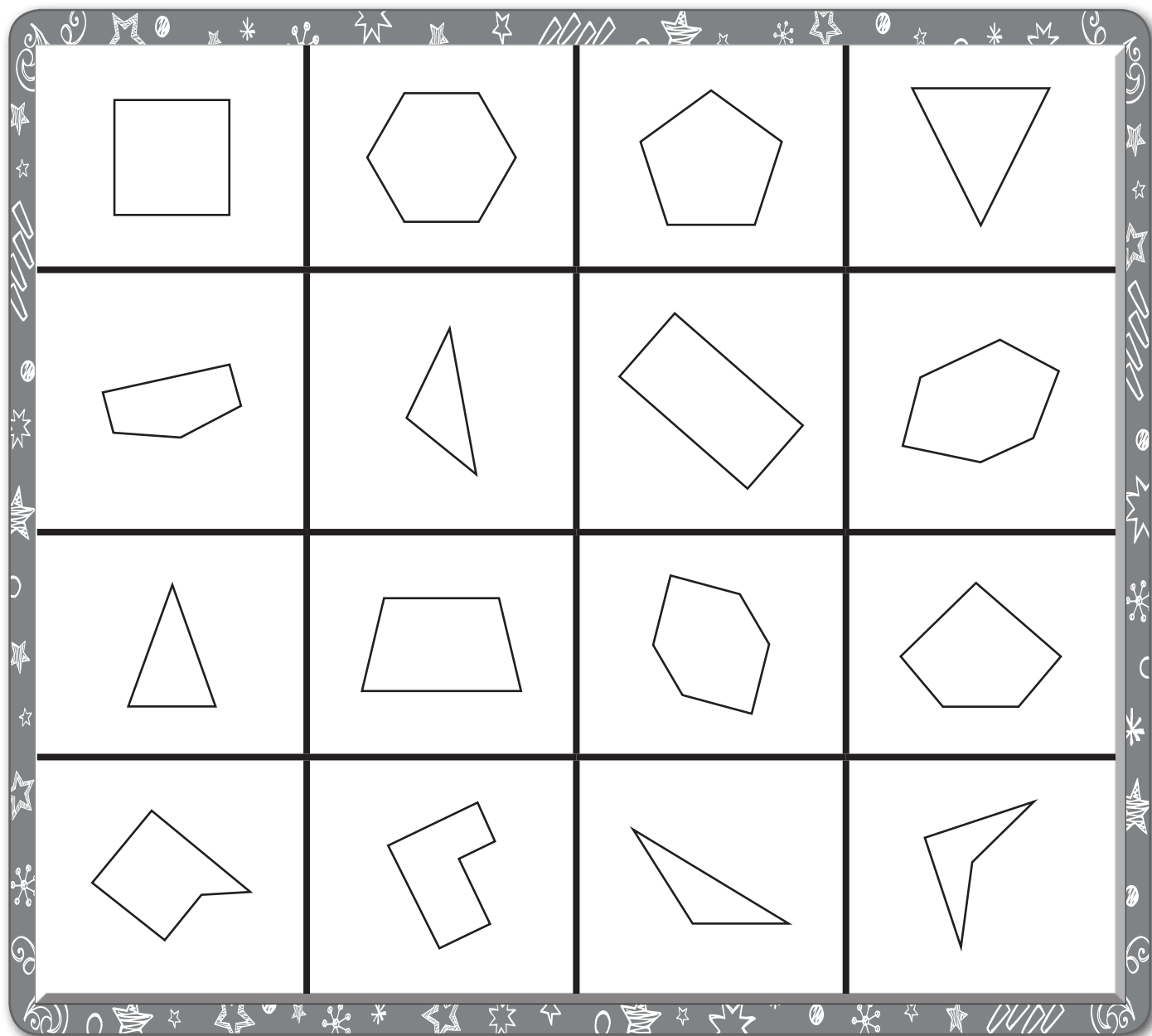
| Toss | Shape |
|------|-----------------|
| 1 | Toss again. |
| 2 | Your turn ends. |
| 3 | 3 angles |
| 4 | 4 sides |
| 5 | 5 angles |
| 6 | 6 sides |

Go Further!

Use the dots to draw two shapes. Draw one shape with 3 angles and one shape with 5 angles. Write the name of each shape.



Attributes of Shapes



I can count sides or angles to help me name a shape. A shape has the same number of sides and angles.



Tile Rectangles

What You Need

- dot paper
- Recording Sheet



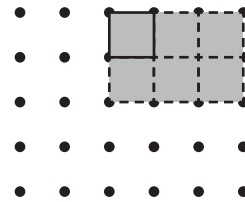
Check Understanding

Use 8 squares that are the same size. Make a rectangle with 2 rows.

What You Do

1. Take turns. Choose a rectangle on the **Recording Sheet**. Look at the squares in the rectangle.
2. Draw the rest of the squares to fill in the rectangle.
3. Write the total number of squares that are in the rectangle.
4. Your partner checks the drawing and the total number of squares.
5. Repeat until each partner fills in three rectangles.

Look at the squares that are already drawn in the rectangle. Make sure to draw squares of the same size to finish the drawing.



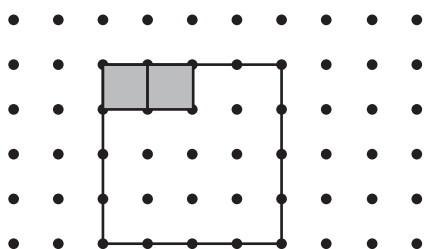
Go Further!

Use a separate sheet of dot paper. Draw three of the rectangles from the **Recording Sheet**. Show another way to fill the rectangles with squares that are the same size. Trade papers with your partner and check each other's answers.

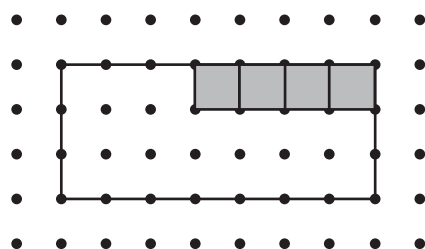


Tile Rectangles

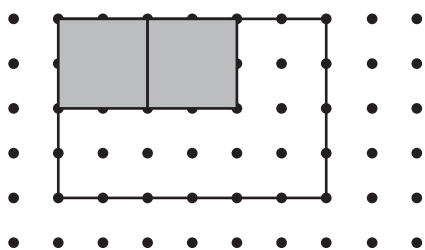
Draw Squares to Fill Rectangles



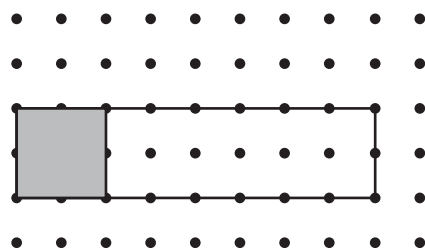
_____ squares



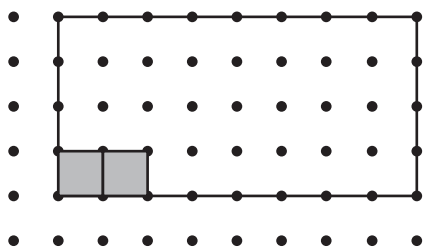
_____ squares



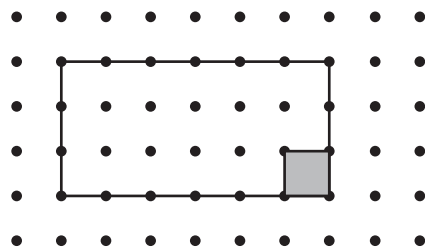
_____ squares



_____ squares



_____ squares



_____ squares

Fill Rectangles with Squares

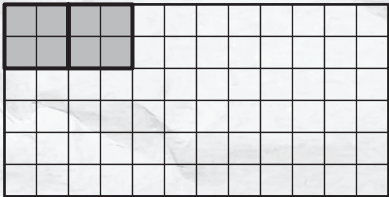
What You Need

- Recording Sheet



Check Understanding

Draw the rest of the squares in the rectangle. How many squares are there in all?



What You Do

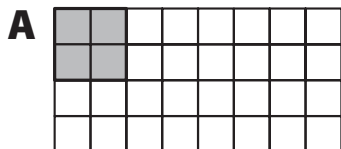
1. Take turns. Pick a letter from the table. Look at the size of the square next to the letter.
2. Find the rectangle for that letter on the **Recording Sheet**. Fill the rectangle with squares of the size shown in the table.
3. First mark off the rows and columns. Then draw the squares.
4. Your partner counts the squares and writes the total number on the line.
5. Repeat until all the letters are used.

| | |
|---|--|
| A | |
| B | |
| C | |
| D | |
| E | |
| F | |

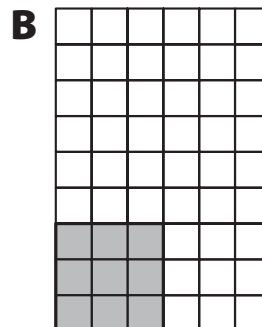
Go Further!

On a separate sheet of paper, draw the rectangles in the bottom row on the **Recording Sheet**. Choose squares of a different size to fill in each rectangle. Draw the squares. Trade papers with your partner and check each other's answers.

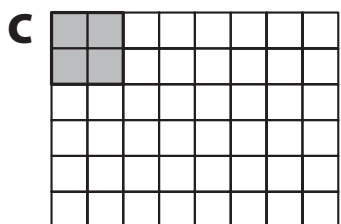


Fill Rectangles with Squares

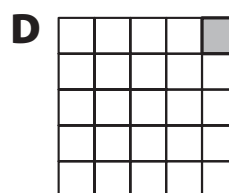
_____ squares



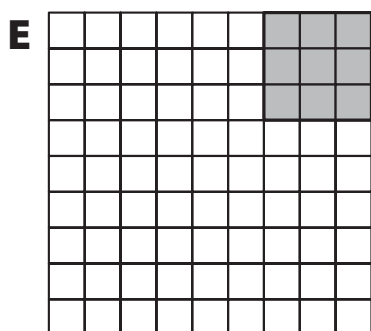
_____ squares



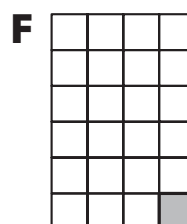
_____ squares



_____ squares



_____ squares



_____ squares

I can fill the rectangle with
squares that are all the same size.

