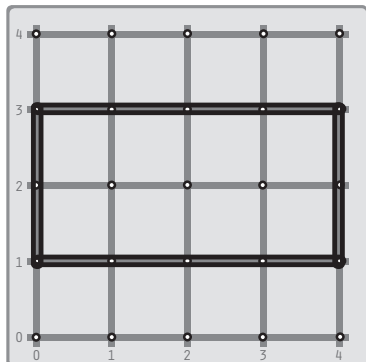


**Use a Geoboard and rubber bands. Make each shape. Tell the number of sides and corners.**

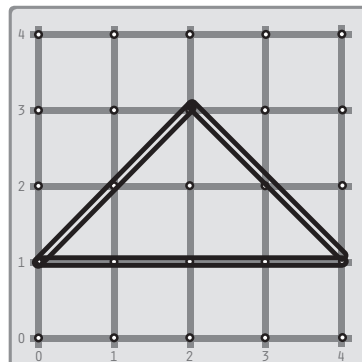
1.



sides \_\_\_\_\_

corners \_\_\_\_\_

2.

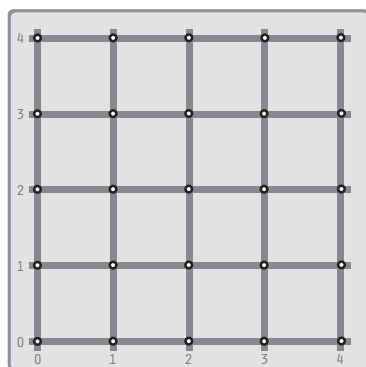


sides \_\_\_\_\_

corners \_\_\_\_\_

**Use a Geoboard and rubber bands. Make each shape. Draw it. Tell the number of sides and corners.**

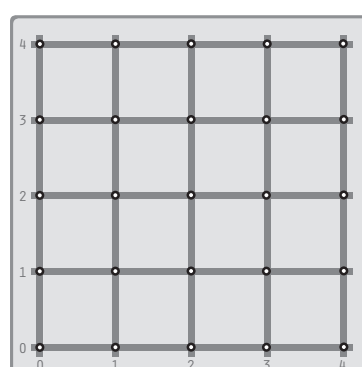
3. square



sides \_\_\_\_\_

corners \_\_\_\_\_

4. triangle



sides \_\_\_\_\_

corners \_\_\_\_\_

Name \_\_\_\_\_

**Challenge!** Can a shape have more sides than corners? Explain your answer.

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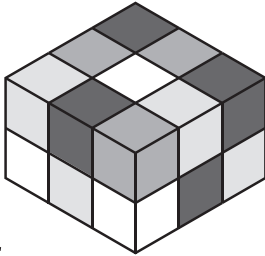
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**Use 2-cm Color Cubes. Build each prism.  
Tell the number of faces, edges, and corners.**

1.

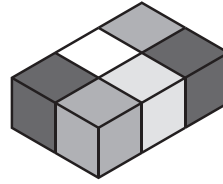


faces \_\_\_\_\_

edges \_\_\_\_\_

corners \_\_\_\_\_

2.



faces \_\_\_\_\_

edges \_\_\_\_\_

corners \_\_\_\_\_

**Use 2-cm Color Cubes. Build each prism.  
Draw the prism. Tell the number of faces,  
edges, and corners.**

- 3.** 3 cubes long  
3 cubes wide  
3 cubes tall

faces \_\_\_\_\_

edges \_\_\_\_\_

corners \_\_\_\_\_

- 4.** 2 cubes long  
4 cubes wide  
3 cubes tall

faces \_\_\_\_\_

edges \_\_\_\_\_

corners \_\_\_\_\_

Name \_\_\_\_\_

**Challenge!** Does a solid shape have more faces, corners, or edges? Is that always true?

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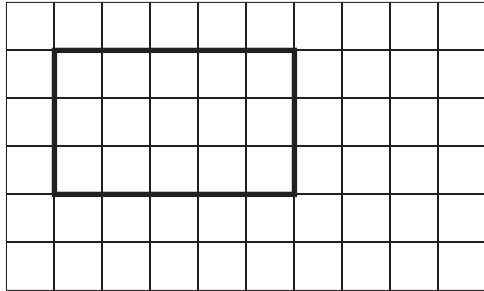
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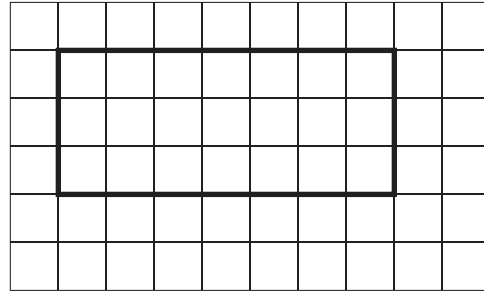
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**Use Color Tiles. Build each model. Find the number of small squares in each rectangle.**

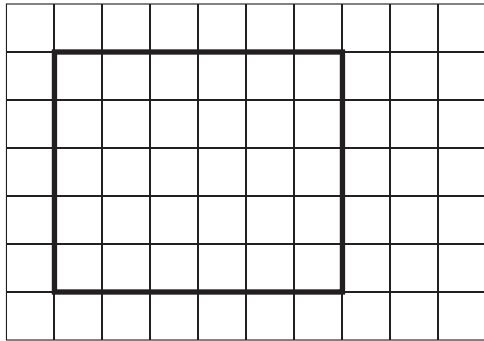
1. \_\_\_\_\_



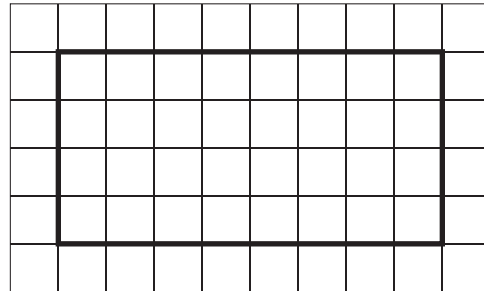
2. \_\_\_\_\_



3. \_\_\_\_\_

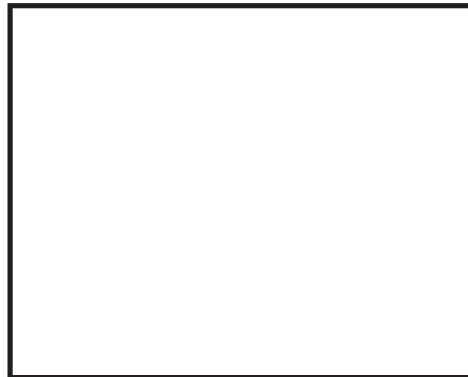


4. \_\_\_\_\_



**Read the story. Draw the rows and columns.  
Count the squares.**

5. Gary is making a game board. It has 4 rows and 5 columns. It has \_\_\_\_\_ squares.



Name \_\_\_\_\_

**Challenge!** Mrs. Chan is making a class quilt. She has 24 children in her class. Each child will design 1 square. If she is making 6 columns on her quilt, how many rows of squares will there be? Draw the quilt to show the rows and columns of squares.

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**Use Cuisenaire Rods. Make each model.  
Fill in the blanks.**

1.  **brown**  
 **purple**

\_\_\_\_\_ purple rods = 1 brown rod

1 purple rod equals \_\_\_\_\_ of a brown rod.

2.  **blue**  
 **green**

\_\_\_\_\_ green rods = 1 blue rod

1 green rod equals \_\_\_\_\_ of a blue rod.

**Use Cuisenaire Rods. Use the rods named.  
Draw the model. Fill in the blanks.**

3. green and dark green      4. red and brown

1 green rod equals  
\_\_\_\_\_ of a dark  
green rod.

1 red rod equals  
\_\_\_\_\_ of a  
brown rod.

Name \_\_\_\_\_

**Challenge!** If it takes 3 rods to equal one whole unit, what part of the whole is the smaller rod?

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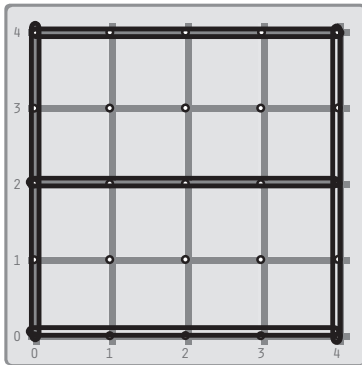
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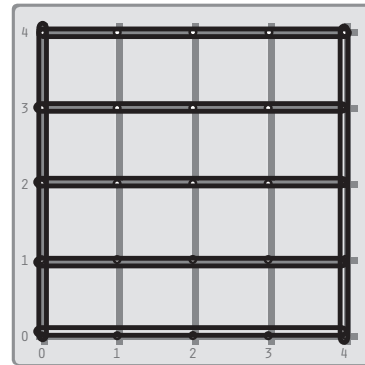
**Use a Geoboard. Make the model shown.**  
**Into how many equal parts is the shape divided?**

1.



\_\_\_\_\_ equal parts

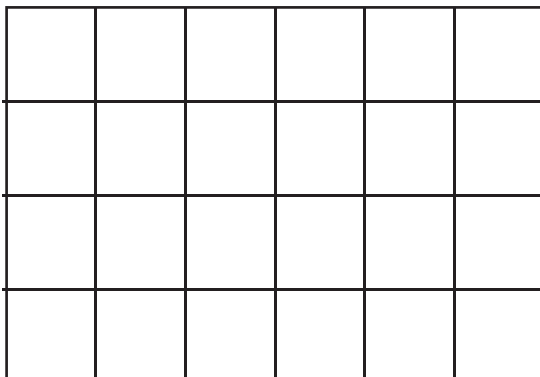
2.



\_\_\_\_\_ equal parts

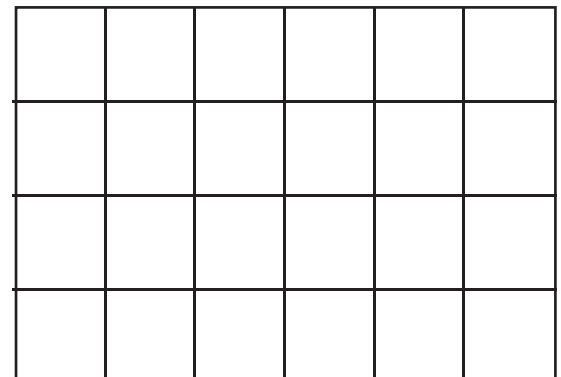
**Make a model on the grid that has equal parts. Use the number given.**  
**Draw the model.**

3. 3



How many grid squares are in each part? \_\_\_\_\_

4. 4



How many grid squares are in each part? \_\_\_\_\_

Name \_\_\_\_\_

**Challenge!** If a shape is divided into five equal parts, what part of the whole shape is each part?

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