

# Geometry

Scorer	CU	PS	V	C	Acc

Name \_\_\_\_\_

Date \_\_\_\_\_

Teacher \_\_\_\_\_

Exceeds    Meets    Does Not Yet Meet    On-Demand    Revised/Redone    Modified

Comments: \_\_\_\_\_

(Geometry)

## Fencing the Garden

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Carmen's mother wants to fence her garden, which is 250 feet around the outside edges. She wants a post every five feet. Carmen plans to start and end the fence with the same post. Show how many posts Carmen will need.

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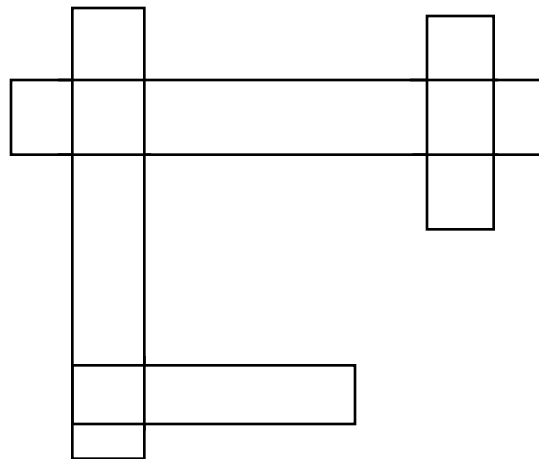
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Comments: \_\_\_\_\_

(Geometry)

## Finding Rectangles

How many rectangles are in the figure below? Explain your answer(s) and your thinking.



4G02

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(Geometry)

## Doggie Run

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Maria has 24 meters of fencing and wants to make the biggest rectangular area possible for her dog to play in. What length should she make each side of the dog yard? Explain how you know.

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(Geometry)

## **Cardboard Recycling**

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Natrone's father offered to help Natrone's class recycle cardboard from the school kitchen by carrying it to the recycling center in his truck. He doesn't want to have any cardboard staked above the top of his truck bed, and they found a stack of 72 flattened boxes would be level with the top of the truck bed. The flattened cardboard boxes measure 2 feet long and 1 foot wide. The inside of the truck bed is 4 feet long and 3 feet wide. What is the most cardboard Natrone's father can carry in one trip to the recycling center? Explain your answer and your thinking.

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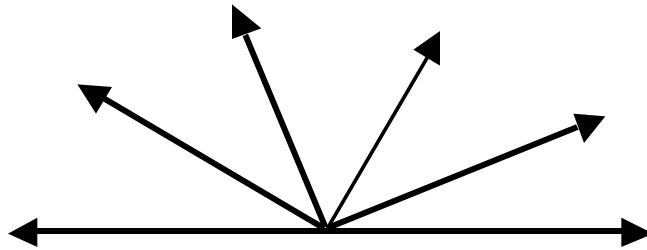
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(Geometry)

## Lots of Angles

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How many angles are formed by 6 rays with a common endpoint? Explain your thinking and your strategy.



4G05

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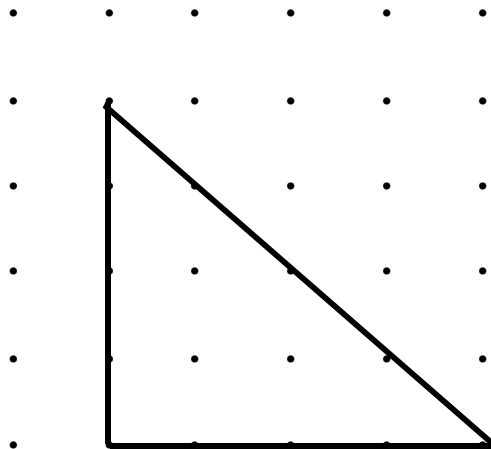
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Comments: \_\_\_\_\_

(Geometry)

## Dot to Dot

Find the area of the triangle in square units. Explain how you arrived at your answer.



is one square unit

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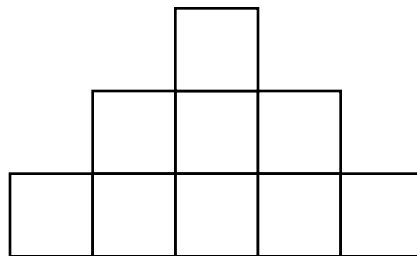
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(Geometry)

## Pyramid Piles

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Here is a pyramid of 9 bricks. It is 3 bricks high. Suppose we make a pyramid 11 bricks high. How many bricks will we need? Explain your thinking at each step and your answer.



4G07

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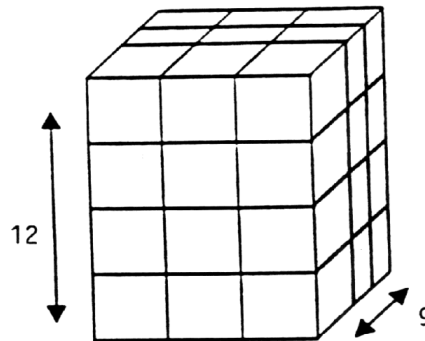
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(Geometry)

## One Cube

What are the dimensions for each smaller cube in this picture? Explain your answer(s) and your thinking.



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Comments: \_\_\_\_\_

(Geometry)

## Nicole's Door

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Nicole's brother painted her bedroom door bright orange. She hung a poster to cover it up. The poster was 2 feet wide and 3 feet high. She could still see 1 foot of ugly paint on the left side of the poster, and 2 feet of orange paint above and below it. How many feet wide and tall is Nicole's door. Explain your answer and your thinking.

4G09

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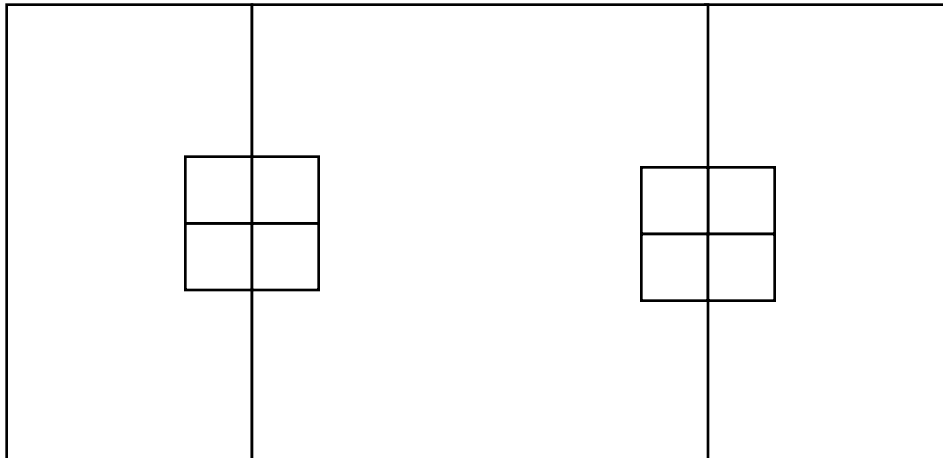
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(Geometry)

## Squares Everywhere

Mary Jo and Brenda were looking at the tile design on the wall. “How many square are in the design?” Mary Jo asked Brenda. What was Brenda’s answer if she got it correct? Explain your thinking.



4G10