

Math Moment...

Number Talks @ Home

For ways to engage your child in thinking and talking about numbers and mathematical relationships, why not try a few quick activities like these at home. Ask the questions; "How many of an 'item' do you see?", "How do you know?" or "Show me your strategy?" Why not compare and contrast your strategies with that of your child's strategies.



How many raspberries do you see?

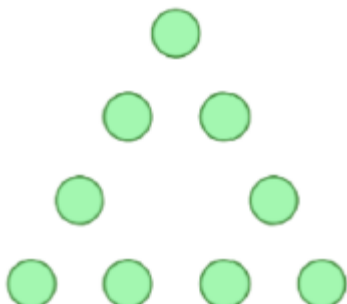


How many chunks of pineapple are in the picture?

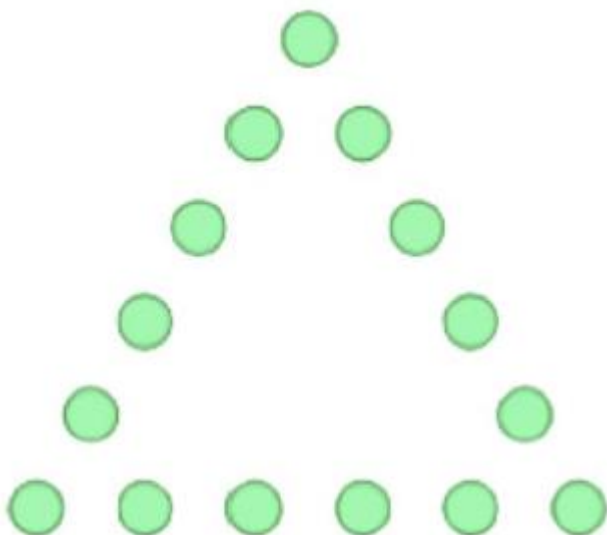
For more of these images, visit <http://ntimages.weebly.com/>

Monthly Math Problem – September Solution

This triangle has 4 dots on each side. A total of 9 dots were used to make the triangle.



The triangle below has 6 dots on each side. A total of 15 dots were used to make the triangle.



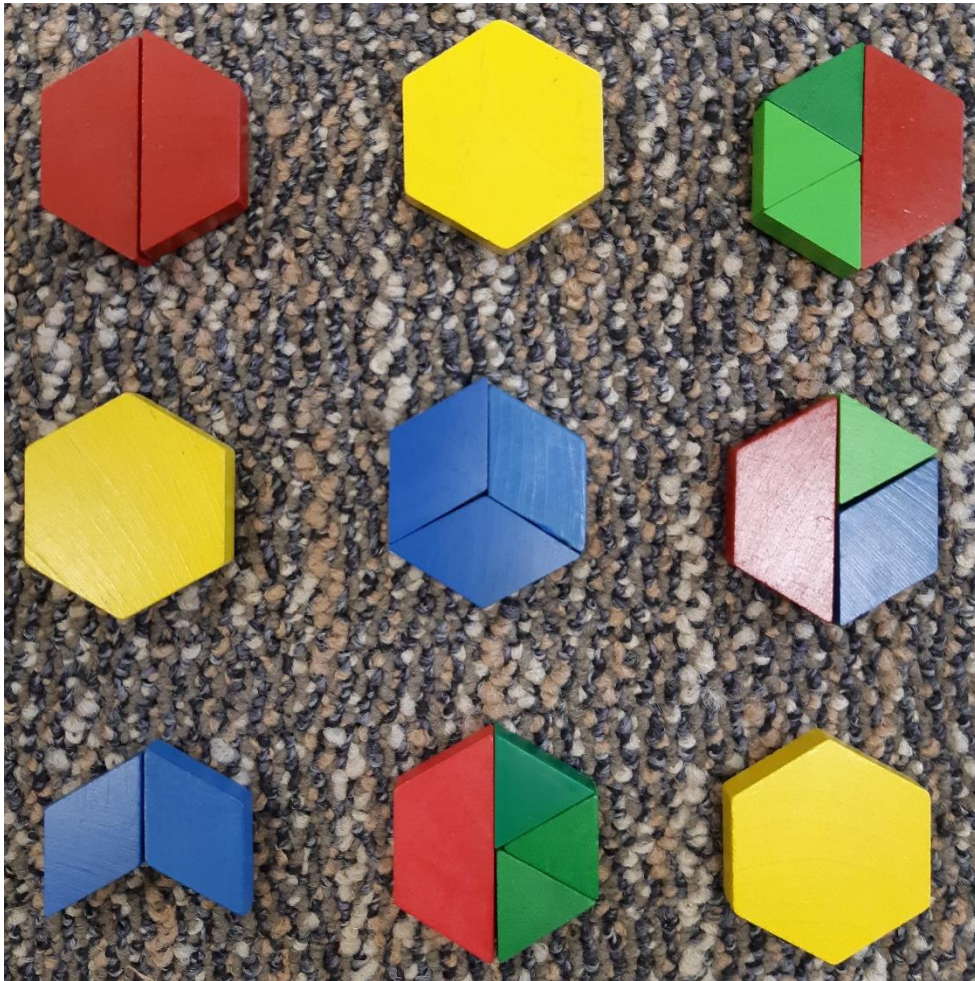
How many dots, in total, would be used to make a triangle with 10 dots on each side?

Well here is one way of solving for the problem. Can you come up with more? What patterns are emerging from the representation below?

Handwritten solution on grid paper showing a pattern for triangles with 4, 5, 6, 7, and 10 dots on each side. The diagram shows the total number of dots for each triangle and the number of dots in each row.

Triangle Side Length	Total Dots	Number in Row 1	Number in Row 2	Number in Row 3	Number in Row 4	Number in Row 5	Number in Row 6	Number in Row 7	Number in Row 8	Number in Row 9	Number in Row 10
4	9	1	2	3	4						
5	15	1	2	3	4	5					
6	21	1	2	3	4	5	6				
7	28	1	2	3	4	5	6	7			
10	55	1	2	3	4	5	6	7	8	9	10

Check out October's Math Problem! Share your strategies with @PVNCCDSB using #PVNCLearns #PVNCMath!



How many blocks are there? How many are blue, red, green, and yellow? What fraction are yellow, green, blue, and red? What strategies are you using to solve these questions? What other questions can you create that support this image?