

MATHeMAGICAL TiMES

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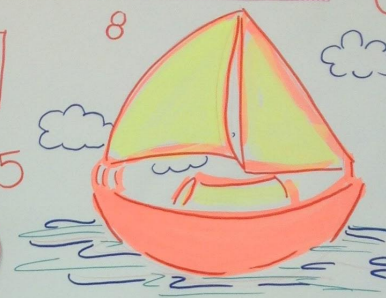
MathAmigos



Santa Fe Public Library

Community Services Department, City of Santa Fe, New Mexico

MATHEMATICAL
TIMES!



7^{ODD}

2^{EVEN}

$\frac{1}{4}$

PUZZLES

A collection of geometric shapes: a large orange circle, a blue square with white dots, a green rectangle, a white diamond, and a white square.

A collection of geometric shapes: a blue diamond, a red triangle, a white triangle, a pizza slice, and a white rectangle.

$\frac{1}{8}$

A

I

8

2

10

9

18

11

V. Area and Perimeter Together Activities

A. Draw Your Favorite Animal

I. Draw your favorite animal on a sheet of graph paper. Compute the area and perimeter of the picture of the dinosaur below.

3

Mathematical Times

Abel

imaginary friend

3

4


5

6

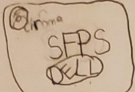

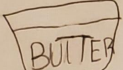

7

11

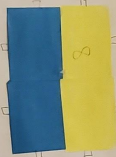
Perimeter All Around

Name and shape of object and a diagram of it	Measurement of all sides of the object	Sum of individual sides of the object
Box of candy 	15 cm + 15 cm + 10 cm + 10 cm	50 cm

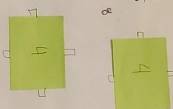
Abel Fresquez

Name and shape	Measurement	Total
 My chromebook	$11.5\text{in} + 11.5\text{in}$ $+ 8\text{in} + 8\text{in}$ $\begin{array}{r} 8 \\ + 11.5 \\ \hline 19.5 \end{array}$ $\begin{array}{r} 19.5 \\ + 19.5 \\ \hline 39.0 \end{array}$	23 $+ 16$ $\hline 39\text{in}$
 Mom's jewelry box	$7\text{cm} + 7\text{cm} + 10\text{cm}$ $+ 10\text{cm}$ $\begin{array}{r} 7 \\ + 10 \\ \hline 17 \end{array}$ $\begin{array}{r} 17 \\ + 20 \\ \hline 37 \end{array}$	20 $+ 14$ $\hline 34\text{cm}$
 Butter dish	$15\text{cm} + 15\text{cm} + 9.5\text{cm} + 9.5\text{cm}$ $\begin{array}{r} 15 \\ + 15 \\ \hline 30 \end{array}$ $\begin{array}{r} 9.5 \\ + 9.5 \\ \hline 19.0 \end{array}$ $\begin{array}{r} 30 \\ + 19.0 \\ \hline 49.0 \end{array}$	30 $+ 9$ $\hline 49\text{cm}$
 Froot Loops	$7.5\text{in} + 7.5\text{in} + 11\text{in}$ $+ 11\text{in}$ $\begin{array}{r} 7.5 \\ + 7.5 \\ \hline 15.0 \end{array}$ $\begin{array}{r} 15.0 \\ + 11 \\ \hline 26 \end{array}$	22 $+ 15$ $\hline 37$ 37in

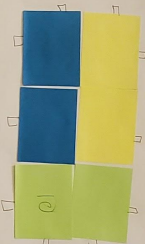
No. Corners
Diagonal
Length



Missing 8
 $\frac{8}{2} = 4$

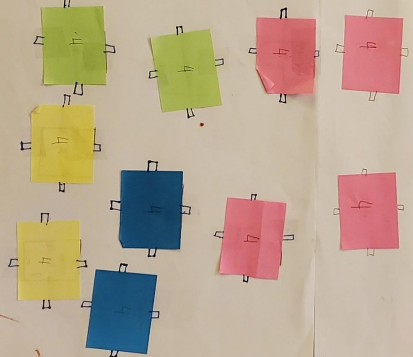


No. Corners
Neighbors







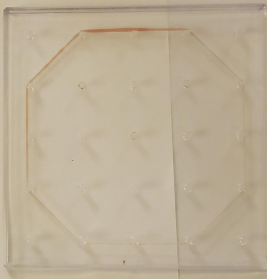
Missing 14
 $\frac{14}{2} = 7$

Perfect
 $\frac{4}{2} = 2$

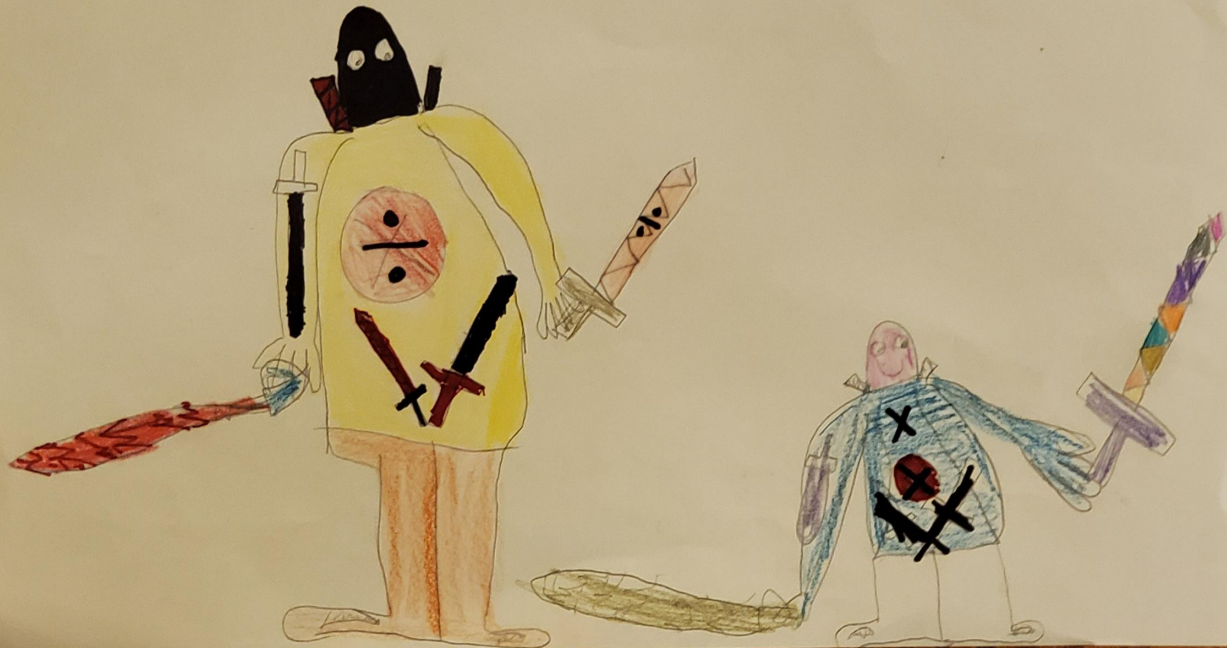


Abel Fresquez

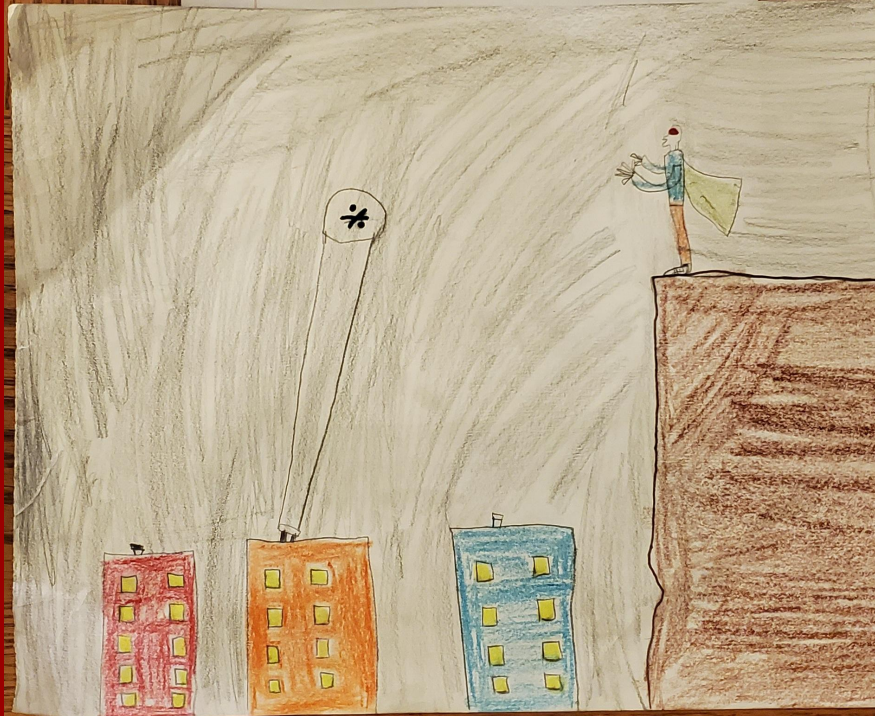
- 
Square
- 
Triangle
- 
Octagon
- 
Diamond



Multiplication Tom and Division Fred go all around the world to help people like you. They use their swords for good. They both helped me thru times tables. $9 \times 9 = 81$, $5 \times 6 = 30$, $6 \times 3 = 18$, $7 \times 2 = 14$, $8 \times 3 = 24$, $10 \times 6 = 60$, $11 \times 2 = 22$, $12 \times 12 = 144$.
Division Fred helped me with this. $20 \div 10 = 2$, $12 \div 2 = 6$, $40 \div 10 = 4$
 $60 \div 5 = 12$, $12 \div 3 = 4$, $100 \div 5 = 20$, $99 \div 11 = 9$

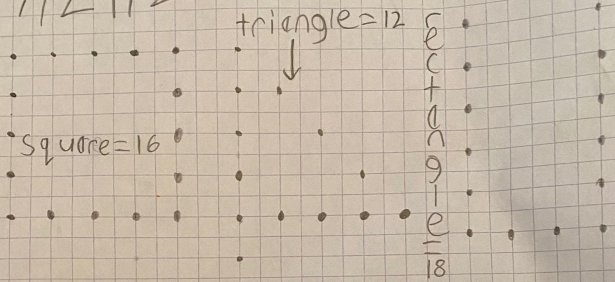


Once upon a time there was a city called Denvision, and there were two Super heroes multiplication Tom and division Fred they lost a fight to sadness and were put into a test. Now they are both battling sadness again and they are using multiplication and division to win and ~~813=24~~ ~~99=11=9~~ Sadness is down and they ~~are~~ ~~most~~ ~~into~~ ~~one~~ and know they go all around the world and help people with multiplication and division. The End



Using Geoboards Paxton

7/29/2020



Pentagon = 25

Perimeter All Around

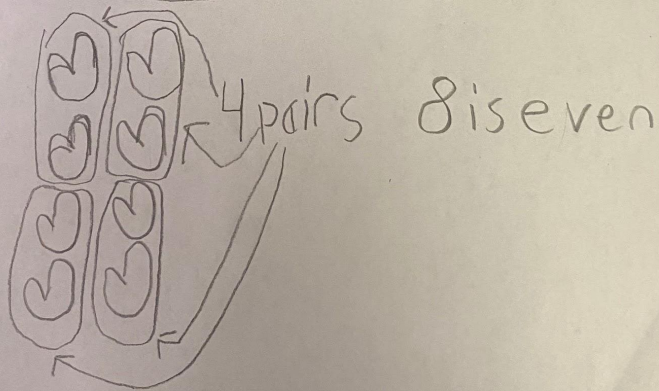
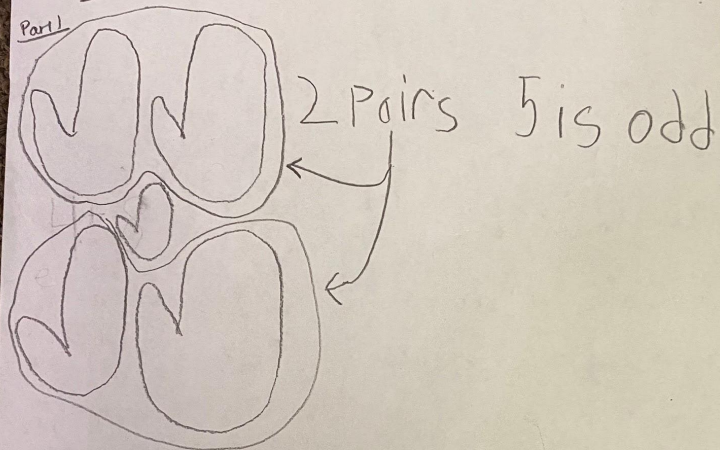
Name and Shape	Sides	Sum
unocard \square	$2+3+2+3$	10
Lego box \square	$3+3+3+3$	12
cereal box \square	$7+4+7+11$	30
quesdille Δ	$4+4+3$	11

7/30/2020
Paxton



2 mitts = 1 pair.

Part 1



It is ALL Beans.
7/8/2020 Paxton

Pile A 17 odd Pile B 18 even

$$\underset{\text{odd}}{17} + \underset{\text{even}}{18} = \boxed{25} \begin{matrix} \text{total} \\ \text{odd} \end{matrix}$$

$$\underset{\text{even}}{6} + \underset{\text{even}}{4} = \underset{\text{even}}{10}$$

$$\underset{\text{even}}{6} + \underset{\text{even}}{10} = \underset{\text{even}}{16}$$

$$\underset{\text{odd}}{3} + \underset{\text{odd}}{5} = \underset{\text{even}}{8}$$

$$\underset{\text{even}}{12} + \underset{\text{even}}{8} = \underset{\text{even}}{20}$$

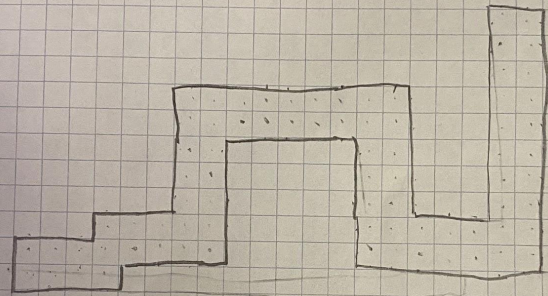
$$\underset{\text{even}}{8} + \underset{\text{even}}{6} = \underset{\text{even}}{14}$$

Paxton 7/16/2020

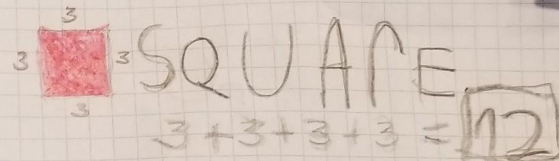
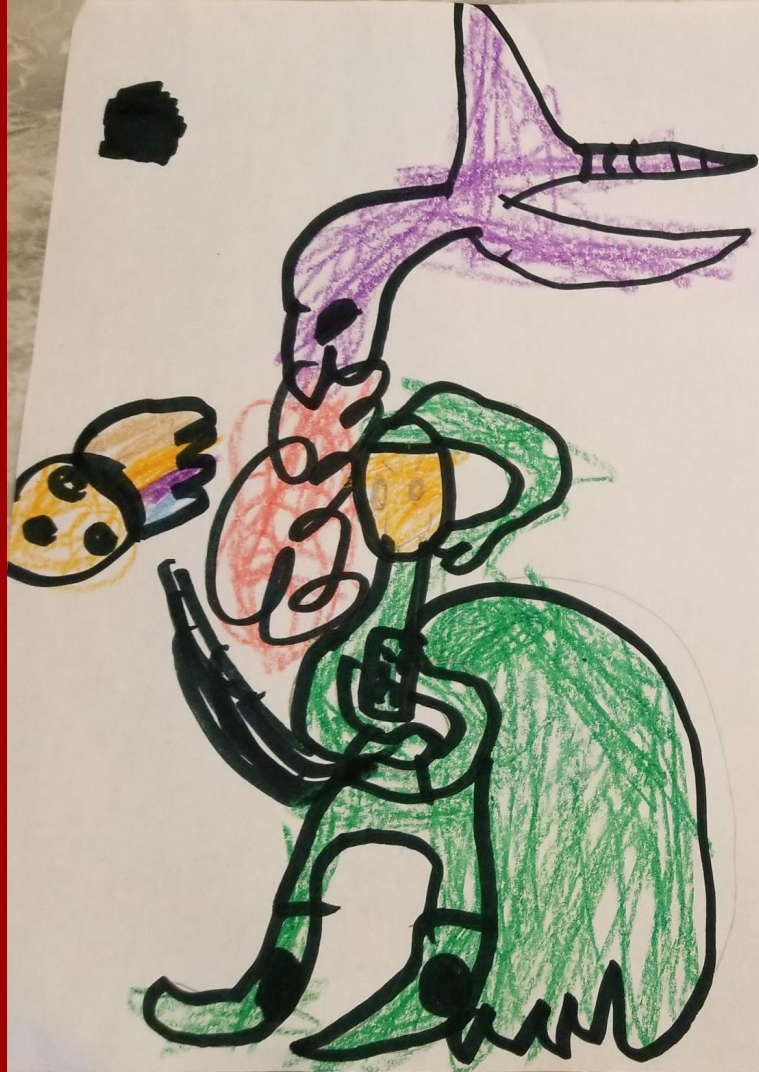
My favorite shape is a pentagon because it is the home base in baseball. I have square and a triangle. I have a flat bottom and two sides that are parallel, one on the right and one on the left of my flat bottom. I have two more sides that are attached to the top of the two parallel lines, but come together as a point at the top. Some days my shape will go to the ballpark. It is center stage. Baseball players step on my shape, and the crowd cheers.

Area and Perimeter
Together

Paxton 7/30/2020

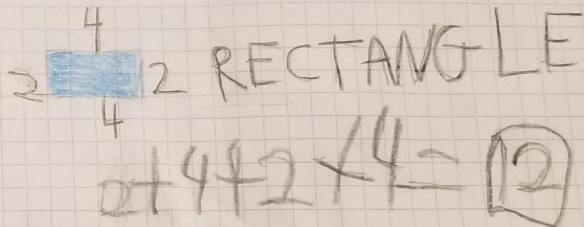


Perimeter = 82
Area = 77



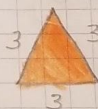
SQUARE

$$3+3+3+3=12$$



RECTANGLE

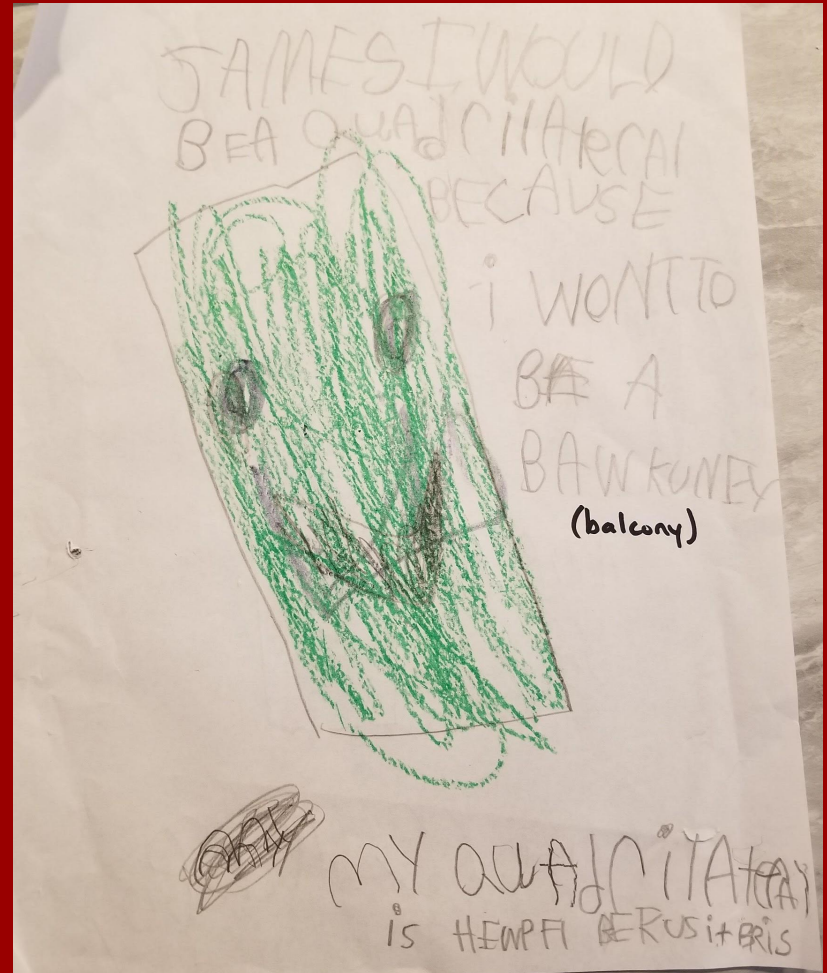
$$2+4+2+4=12$$



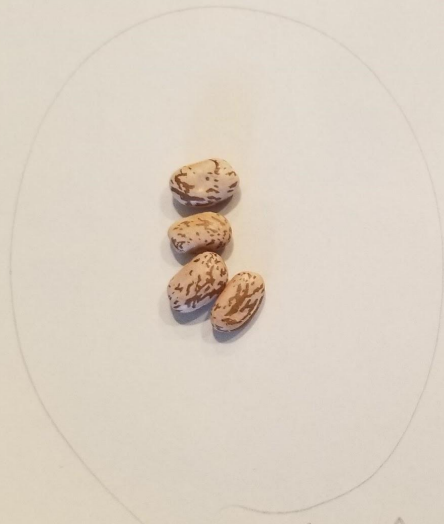
TRIANGLE

$$3+3+3=9$$

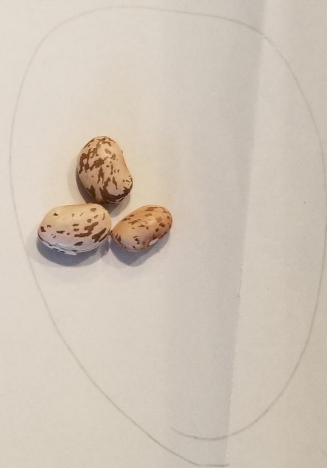
PERIMETER!!!



71845

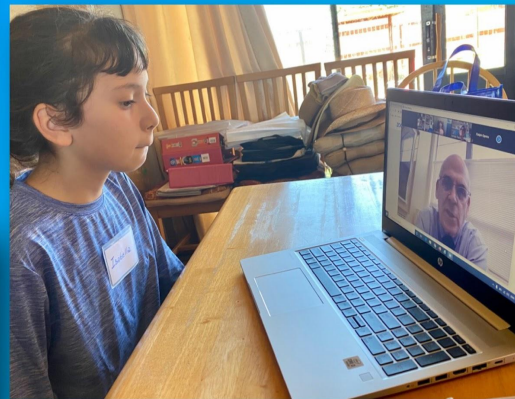
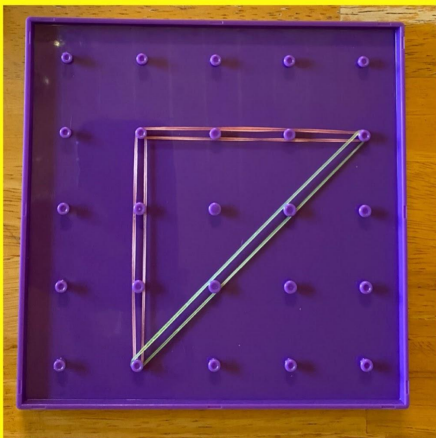


EVEN



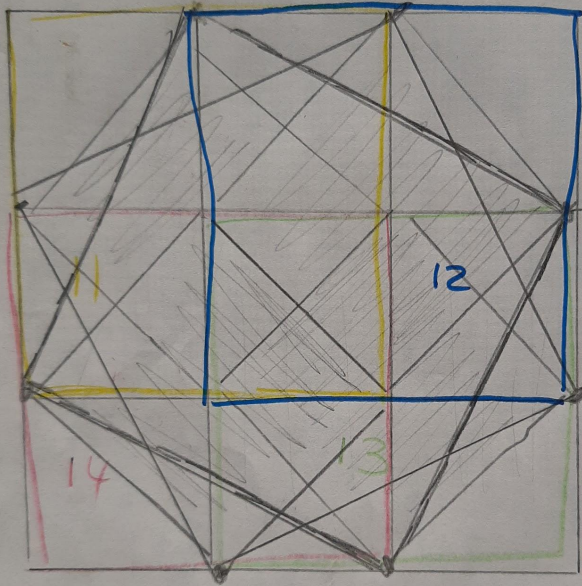
ODD

Mathmagical Times!



Isabella Fri, Aug. 7
Geo boards

1. $\begin{matrix} 3 & 3 \\ & 5 \end{matrix}$
2. $\begin{matrix} 3 & 3 \\ 3 & 3 \end{matrix}$
3. $\begin{matrix} 4 & 3 \\ 3 & 4 \end{matrix}$
4. $\begin{matrix} 4 & 3 \\ 3 & 4 \end{matrix}$



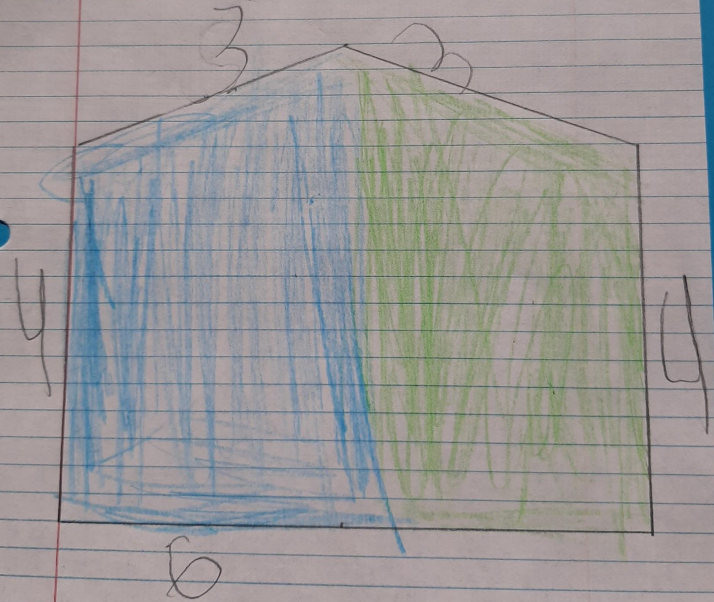
$$14 + 4 + 2 = 20 \text{ (so far)}$$

$$1 \times 1 = 1 = 3 + 3 \quad \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array}$$

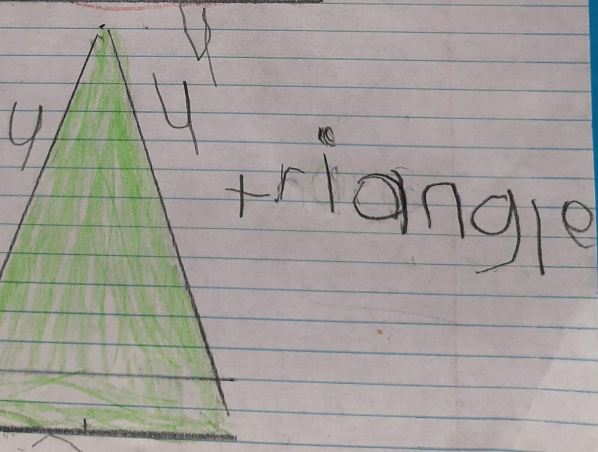
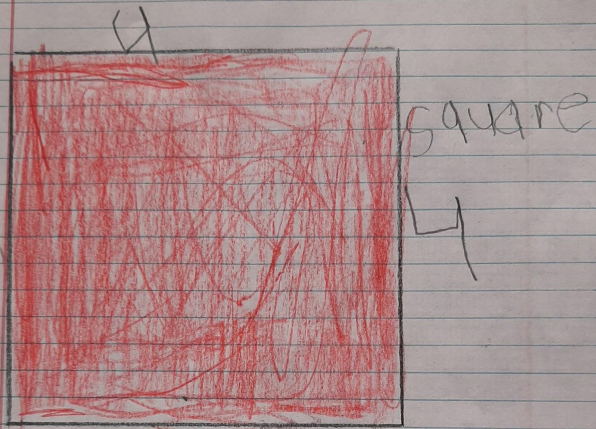
$$2 \times 2 = 4 = 2 \times 3 \quad \begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array}$$

$$3 \times 3 = 9 = 1 \times 1 \quad \square$$

pentagon

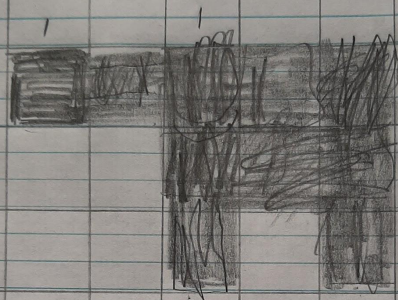


Geoboard Elliot +



Favorite animal

inch



Area $1 \times 1 = 1$ inch²

$1 \times 1 = 1$

$1 \times 3 = 3$

$1 \times 2 = 2$

$1 \times 3 = 3$

Perimeter:

$5 + 3 + 1 + 4$



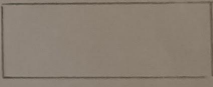
$+ 1 + 2 + 1 =$

17

The fantastic ϕ

I would be an octagon,
because it's cool.




































It can be a shape shifter.
He could form into

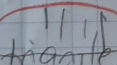
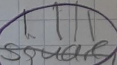

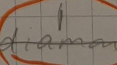
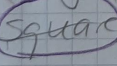
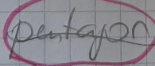
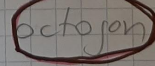

4 , 2  and 3 .

It would never be boring.

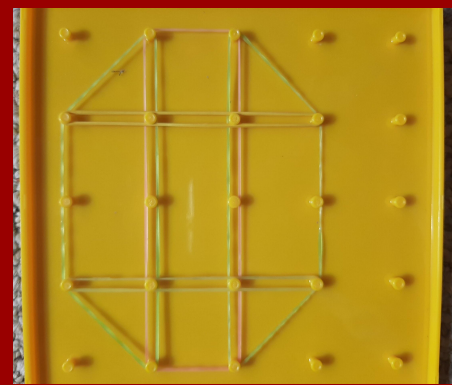
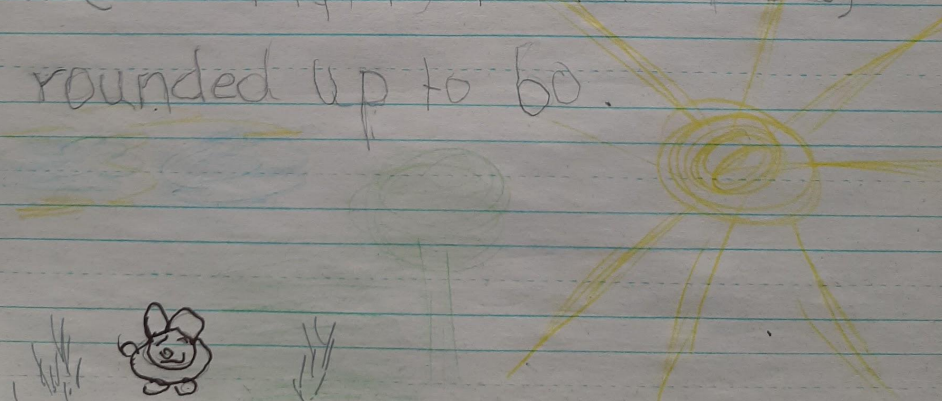
Elliott, aged 8

BINGO

 triangle  square  rectangle  diamond
 square  pentagon  octagon each 5
 joker

Can you find me?
When I am walking with my dog
I see 7 lizards, 2 bunnies and 2
grasshoppers. That makes 11 in
total. We go walking 5 days a
week. That is a total of 55,
rounded up to 60.





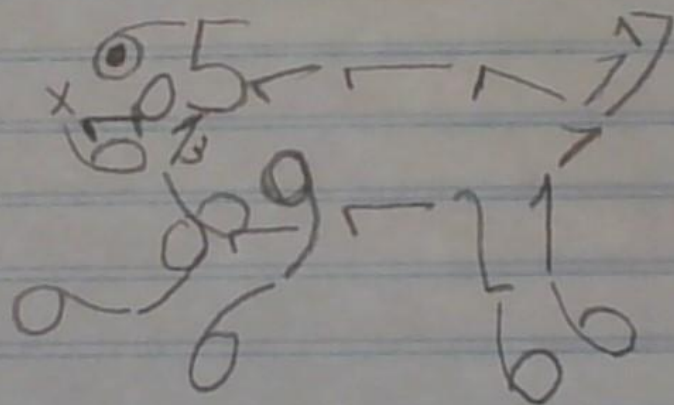
even - orange

odd - blue

100 degrees

4 horses, 8 hens,
70 cows and 18 goats
were so hot. It was 100°F.
They need to cool down or
they would faint. Then
a huge storm came up.
It made it 1° degree. All
were safe.

Dog



triplet

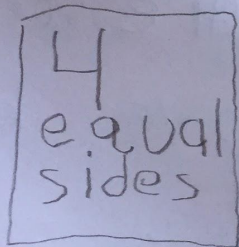
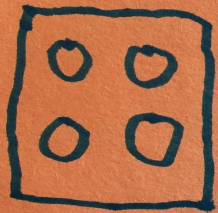
b

Dog

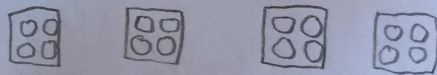
2:48

07/10/2020

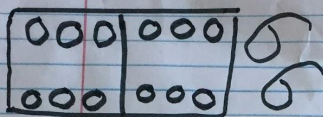
my story
as a square.



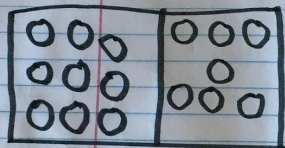
some legos
are square.



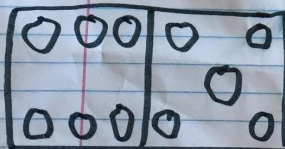
rounding



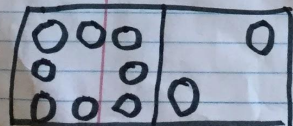
~~66~~ 70



97 100



65 ~~30~~

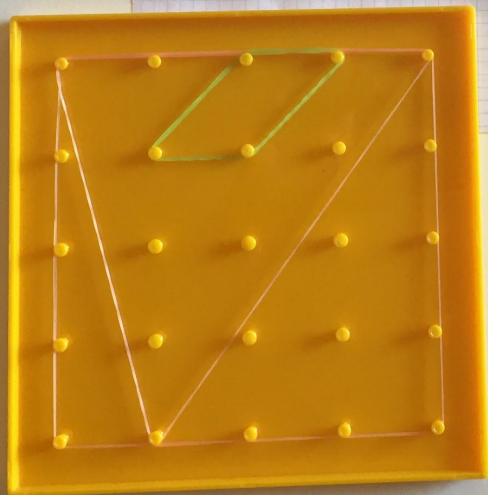
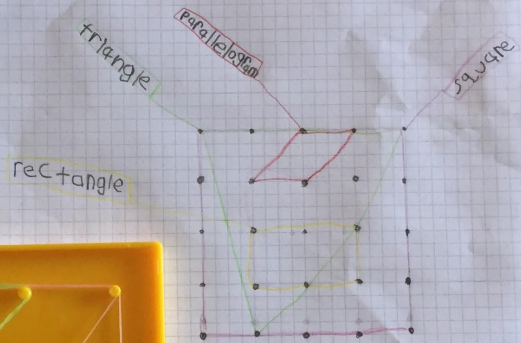


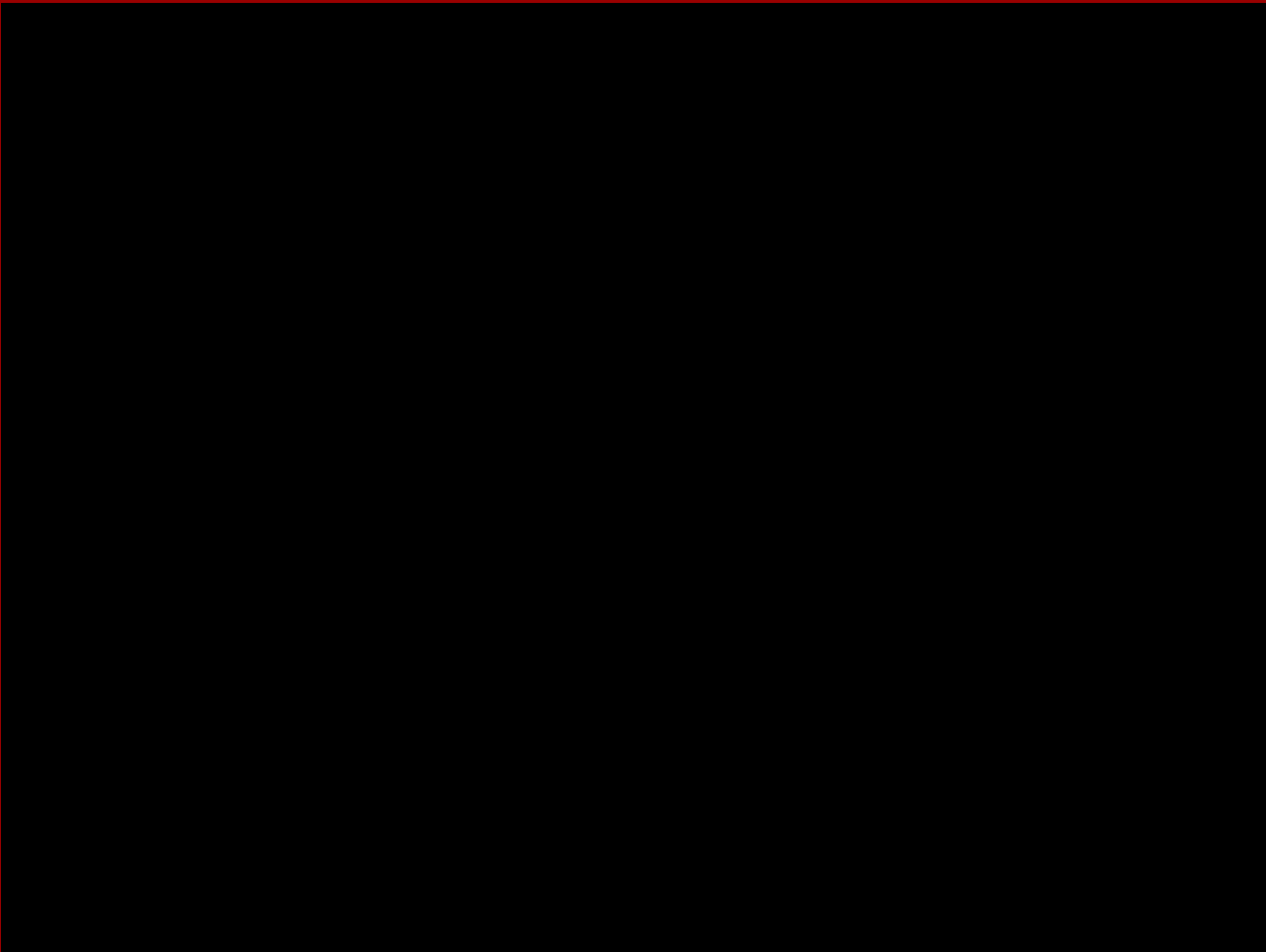
82 80

$$\frac{1}{3} = \frac{2}{6} = \frac{4}{12} = \frac{8}{24}$$

$$\frac{2}{4} = \frac{4}{8} = \frac{8}{16} = \frac{16}{32} = \frac{32}{64}$$

using Geoboards 7/30/2020





Click to play video made by Kyomi!

Thank You for Sharing Your Mathemagical Times

Abel Fresquez

Arlo

Daphne

Elliott Gamble

Isabella

James

Kyomi Franco-Abeyta

Paxton Bernard

MATHeMAGICAL TiMES

%

<

-

+

=

x

MathAmigos



Santa Fe Public Library

Community Services Department, City of Santa Fe, New Mexico