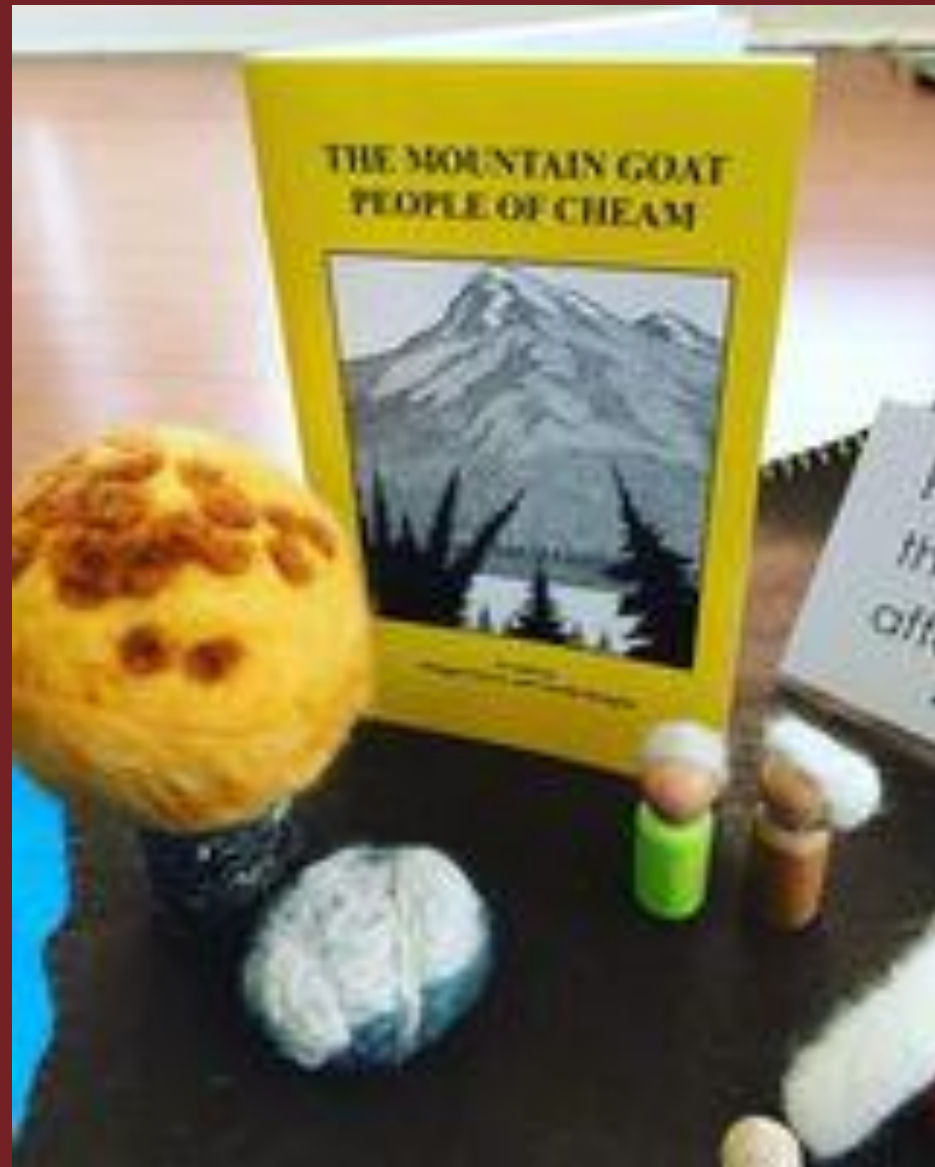




SURREY SCHOOLS
OPENING THE BASKET
STO:LO SITEL
CURRICULUM

Jessica Kyle – Numeracy Helping Teacher
Julia Thompson – Métis Artist and Educator
Allison Hotti – Indigenous Helping Teacher







TRANSFORMING





FIREPIT







UNWRAPPING
OUR KITS
IT FELT LIKE
CHRISTMAS



Do you see a connection
between identity and
belonging?

Describe your place in
your family, community or
school.

Were you able to listen to
ideas other than your
own?

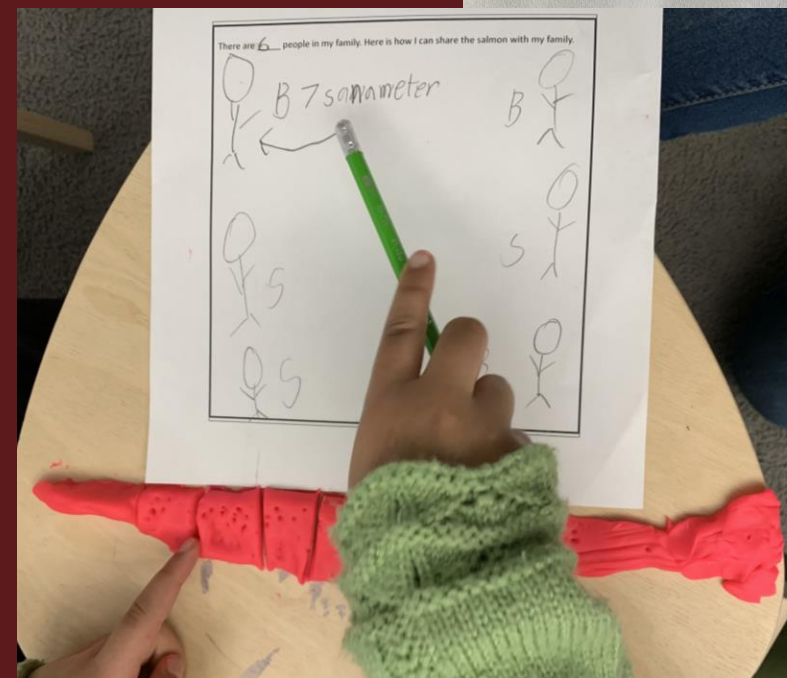
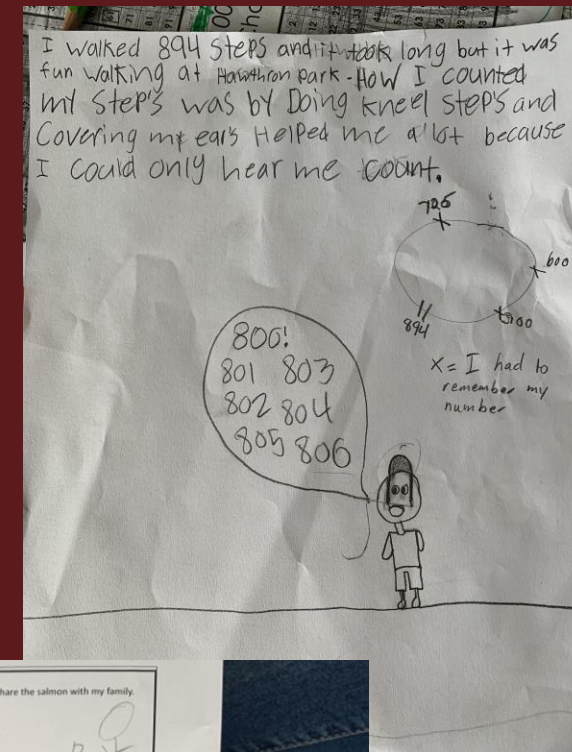
Describe your own
relationship to place.

Where is your heart
happiest?

Were all of the voices in
your group heard?

INQUIRY
QUESTIONS

MATH CONNECTIONS





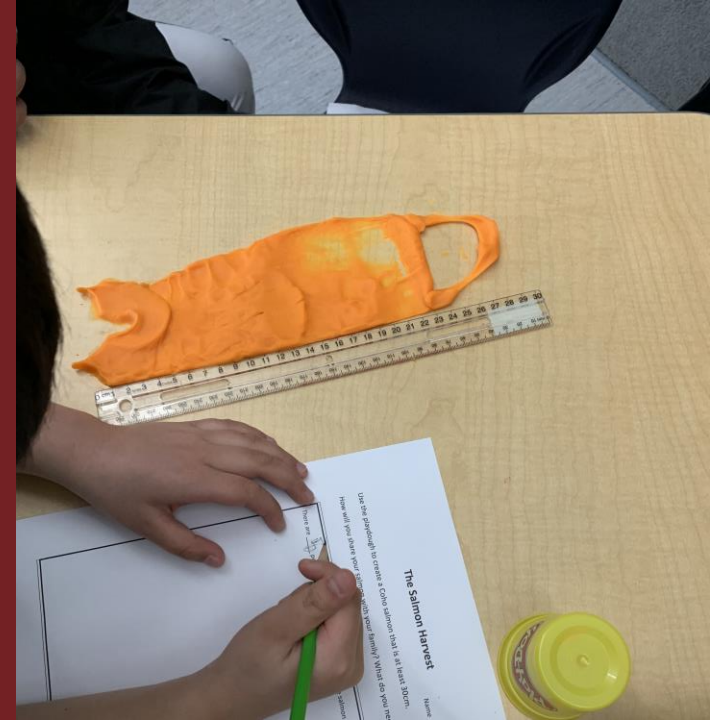
THE SALMON HARVEST LORA SARCHET (GR.1/2)

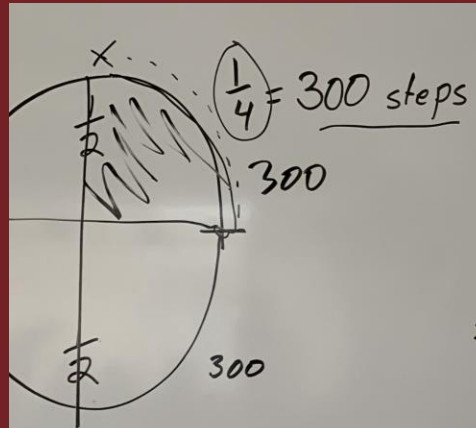


EACH FAMILY HAS RECEIVED THEIR FISH FROM THE COMMUNITY NET.

HOW WILL YOUR FISH BE DIVIDED?

- MEASUREMENT (CONTENT)
- PROBLEM SOLVING (MATHEMATICAL COMPETENCIES):
 - DECISION-MAKING
 - REASONING
 - COMMUNICATION
 - JUSTIFICATION
 - SEMIAHMOO & STO:LO PROTOCOLS





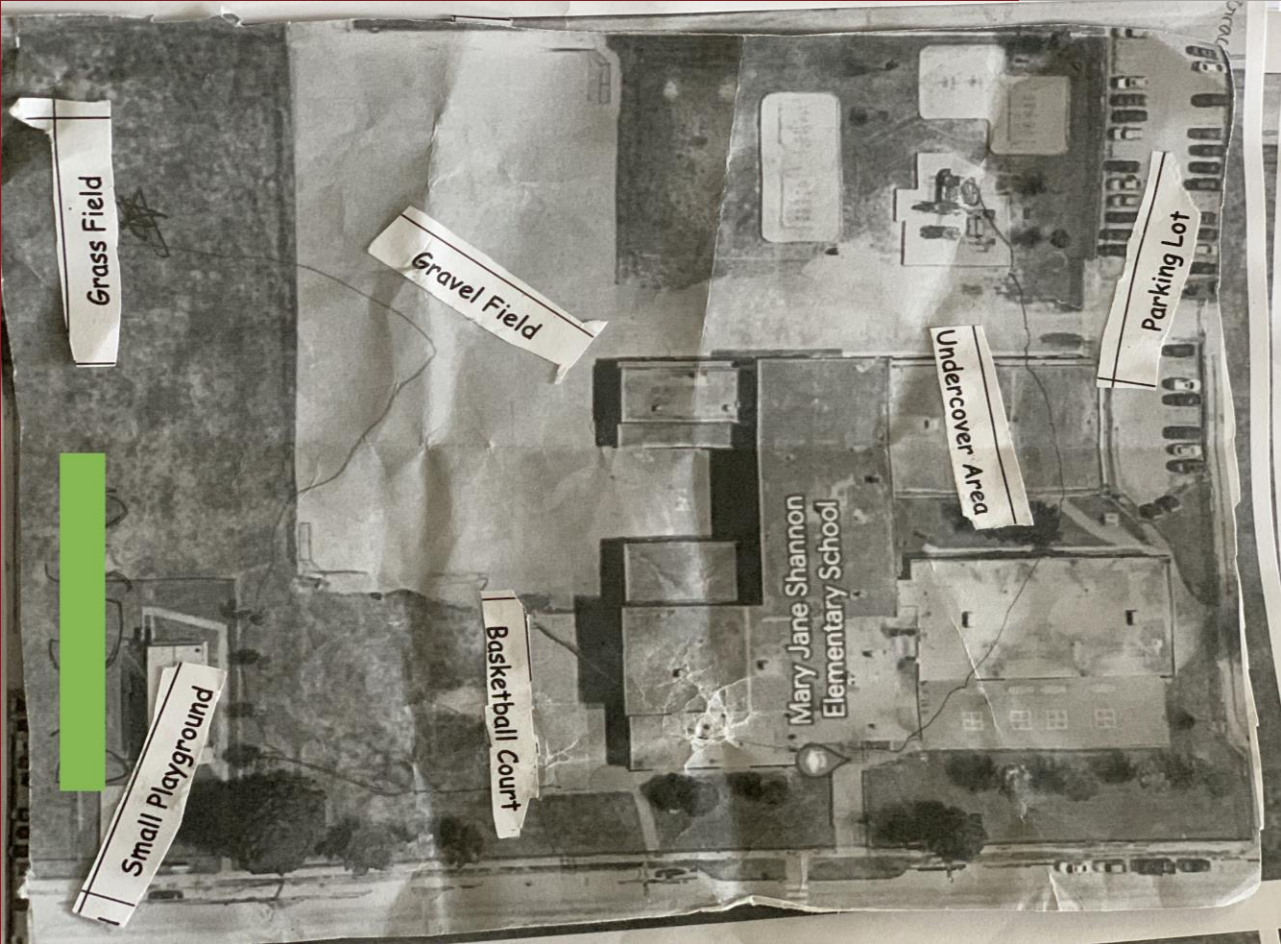
$$300 + 300 + 300 + 300 = 1200$$

$$\begin{array}{r} 300 \\ \times 4 \\ \hline 1200 \end{array}$$

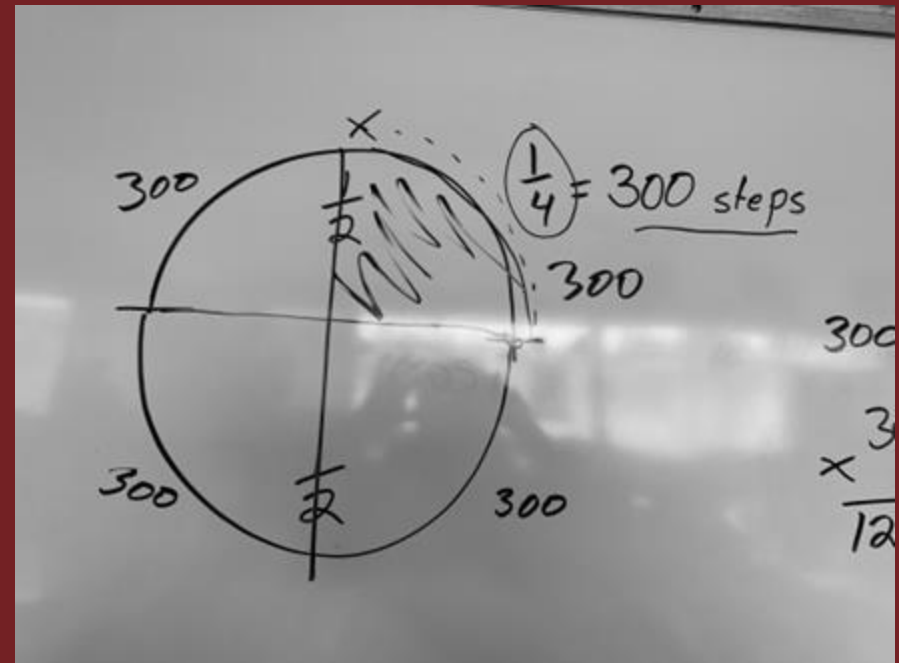
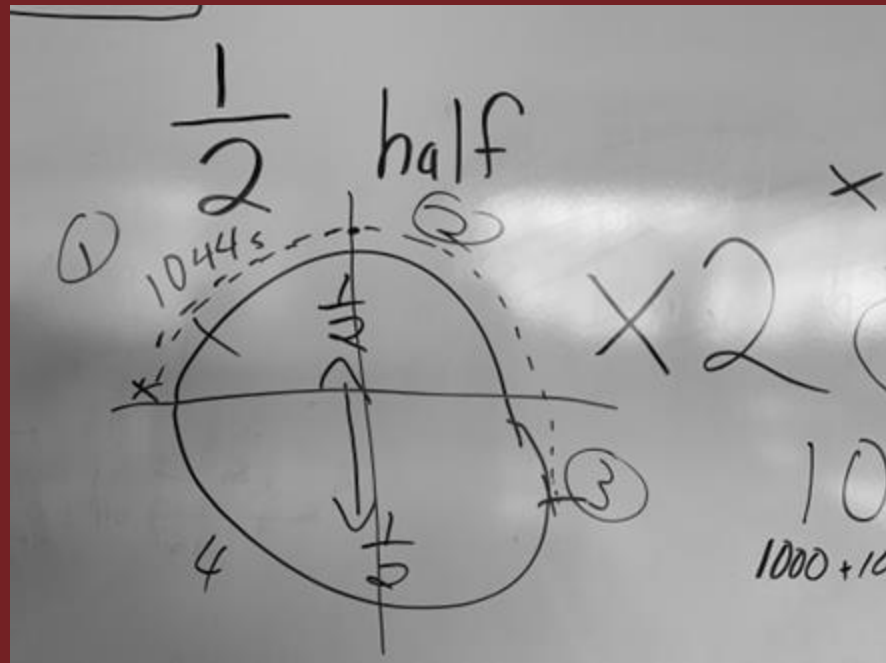
I counted 300 steps
 in $\frac{1}{4}$ of the trail. I walked
 the other $\frac{3}{4}$
 rest of the trail. I knew that
 I walked 1200 steps because there
 are 4 $\frac{1}{4}$ s in a whole.



quarter
 $\frac{1}{4}$



MAPPING & MEASURING
 SHELLI ROESLER
 GR. 3/4



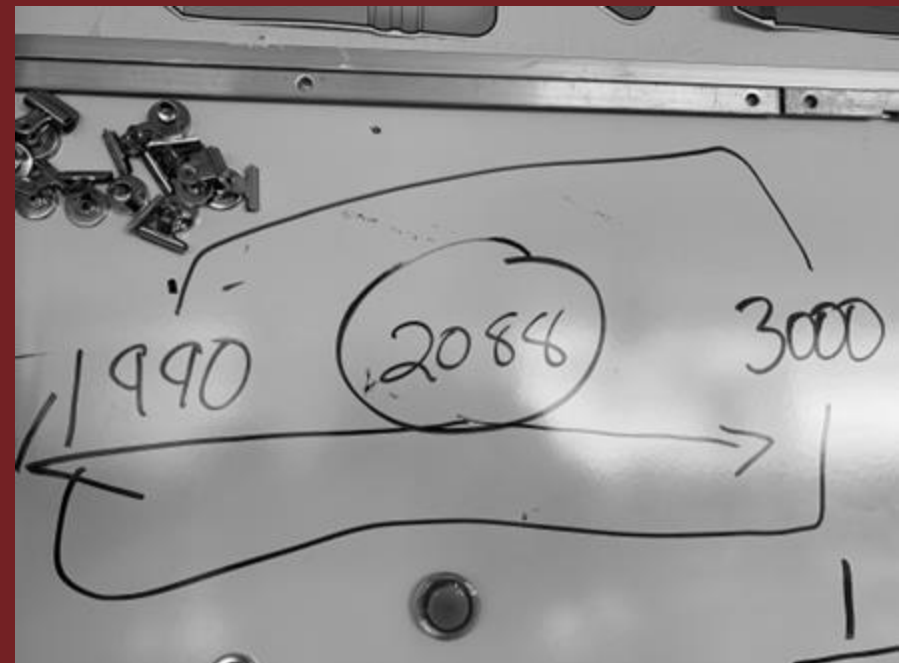
300 + 300 + 300 + 300 = 1200

$\begin{array}{r} 300 \\ \times 4 \\ \hline 1200 \end{array}$

I counted 300 steps in $\frac{1}{4}$ of the trails. I walked the other $\frac{3}{4}$ rest of the trail. I knew that I walked 1200 steps because there are 4 $\frac{1}{4}$ s in a whole.

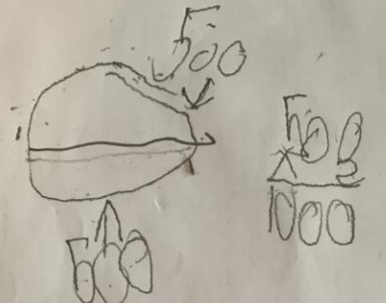
Trail

how many



WHAT MATH STORIES LIVE HERE?

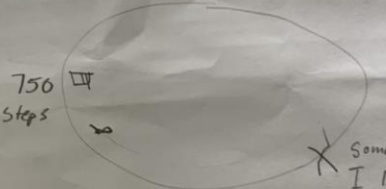
- COUNTING
- ESTIMATION
- FRACTIONS
- COMPUTATION
- RELATIONSHIPS
- REPRESENTATION



I walked 500 in ^{steps} ~~1/2~~ I walked 1000 in all! because $500 + 500 = 1000$.

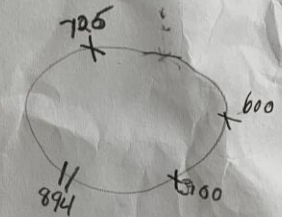
$500 + 500 = 1000$

walked 750 steps



Someone was counting loudly I lost my count. A friend helped me to remember.

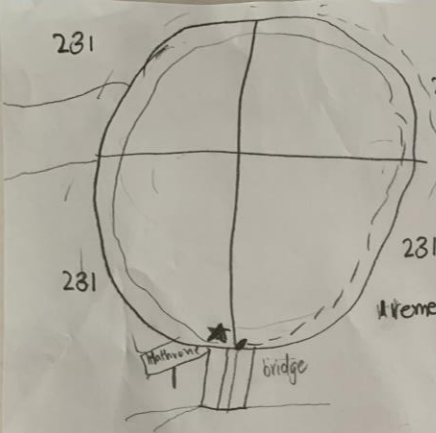
I walked 894 steps and it took long but it was fun walking at Hawthorn park. How I counted my steps was by doing knee steps and covering my ears helped me a lot because I could only hear me count.



$800!$
801 803
802 804
805 806

X = I had to remember my number

I walked 925 steps total.



$$\begin{array}{r} 231 \\ 4 \overline{) 925} \\ \underline{8} \\ 12 \\ \underline{12} \\ 05 \\ \underline{4} \\ \text{Remainder} \end{array}$$

$231 + 231 + 231 + 231$ and $+ 1$ (the remainder) \downarrow
The total is 925.

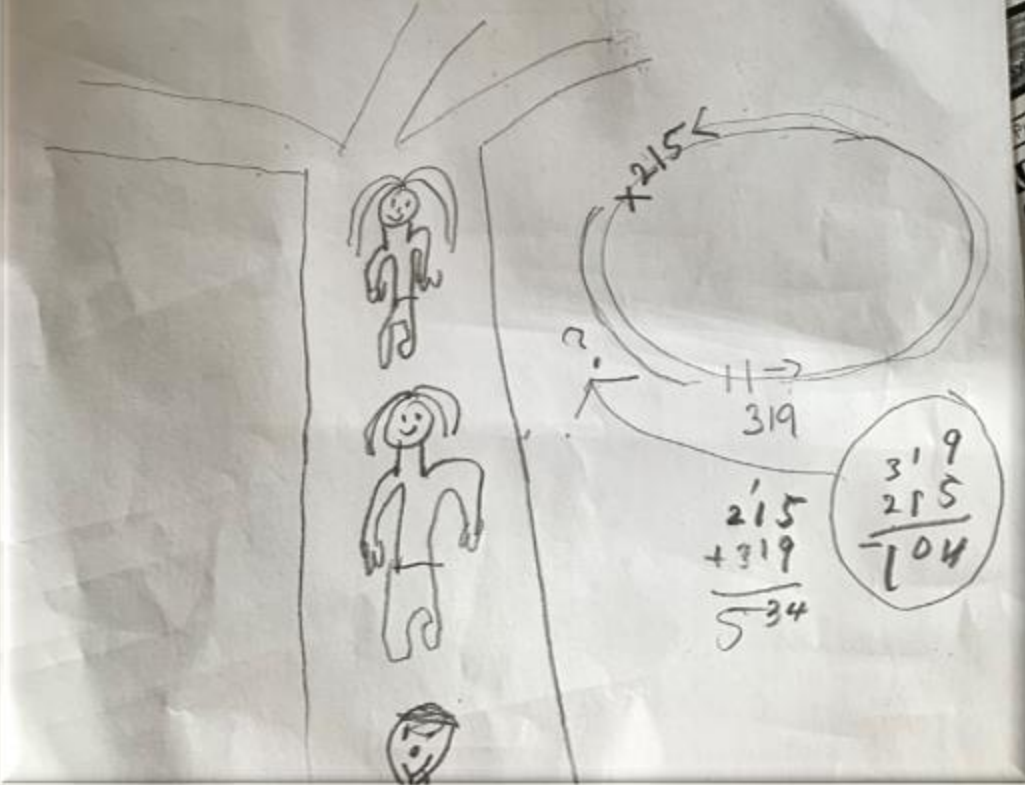
Actually I need to multiply 925 with 5 in the place of four.

$$\begin{array}{r} 231 \\ \times 4 \\ \hline 924 \end{array} \quad 924 + 1 = 925$$

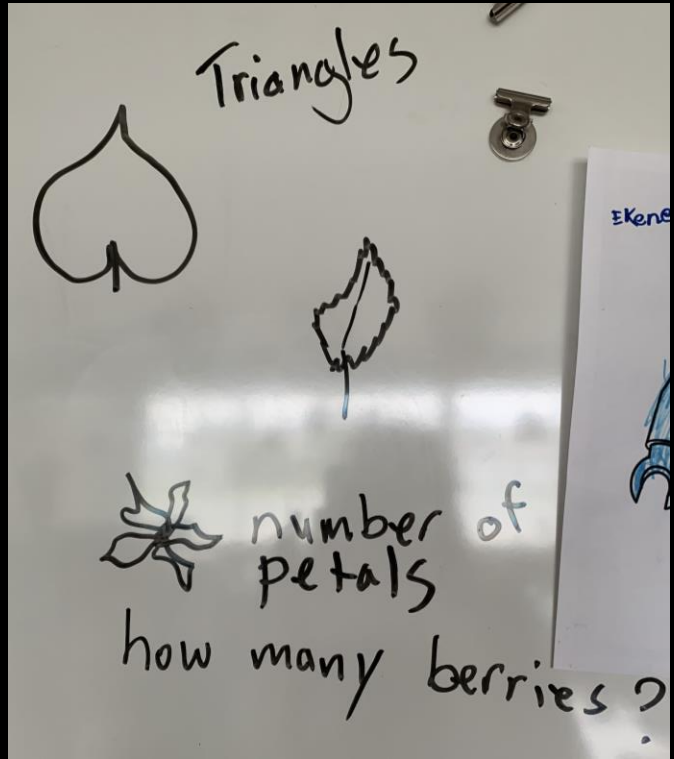
We started eating the I stopped and I saw a squirrel. Then, I counted 215 the we went left and heard sounds left then, we saw our class. I reviewed my counting and it was... 319. Then, I released the Hawthorne part went around it.



We started eating the I stopped and I saw a squirrel. Then, I counted 215 the we went left and heard sounds left then, we saw our class. I reviewed my counting and it was... 319. Then, I released the Hawthorne part went around it.



AUTHENTIC CONTEXTS MAKE A DIFFERENCE TO STUDENT ENGAGEMENT



INDIGENOUS STORYWORK

How the Coho
got his Hooked
Nose.

Based on story told by Teresa Mizell