Pizza Box Fractions Project

If a pizza box is not available, you can use a shoe box, cereal box or some box close to size of pizza box to give you enough space to show your work.
Your pizza box project will contain 2 parts. (one for the top and one for the bottom)

BOTTOM:

The bottom part of your pizza box should include either a pizza drawn or made out of different pieces of paper to represent a pizza and the different toppings.
-The pizza should be divided into at least 4 pieces (but can be more)
-You should represent at least 5 different fractions using different toppings for your pizza. (For example, 8/8 of the pizza is cheese, 1/2 is sausage, 2/4 has onions,....)
-Whether you draw your pizza (must be colored) or cut out your toppings from other pieces of paper, I should be able to identify the fractions represented.
-Use the entire bottom portion of the box for your pizza. (don't make it tiny)
-Your pizza pieces should be equal (they don't have to be perfect but very close to equal amounts)

TOP:

The inside top of your pizza box should include:
-A "key" that represents each one of the different fractions of your pizza and the toppings that are included in those fractions.
-Next to each of the 5 different fractions, you must write 1 equivalent fraction and the decimal to the original fraction.
-You must include 2 word problems using the fractions or decimals of your pizza for others to solve. (Do not put the answers on the inside of the box. The answers can be written on the outside bottom .)

Pizza Box Fractions Project

I will include some examples in the next few slides to give you a general idea of how to create your pizza box fraction project. Please do not duplicate the exact examples (word problems) for your project. These are merely for examples to show how to design your own pizza and create your word problems.

-Remember, this is for you to have fun and learn about fractions-decimals at the same time.

-You will receive a grade based on the rubric given on the previous page. Make sure all components are included in your project.

-You will upload a picture of your project here in Google Classroom or send it via email/text. I will send a message back once your project is received for you to submit work here in Google Classroom. All late projects will have 10 points deducted from graded assignment.

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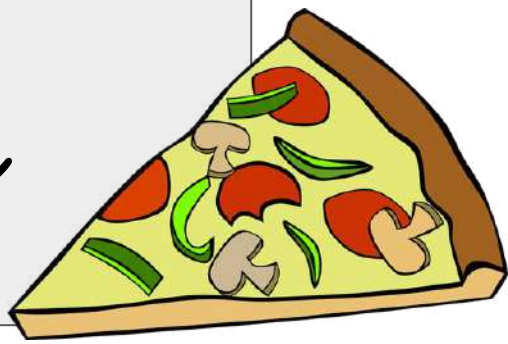
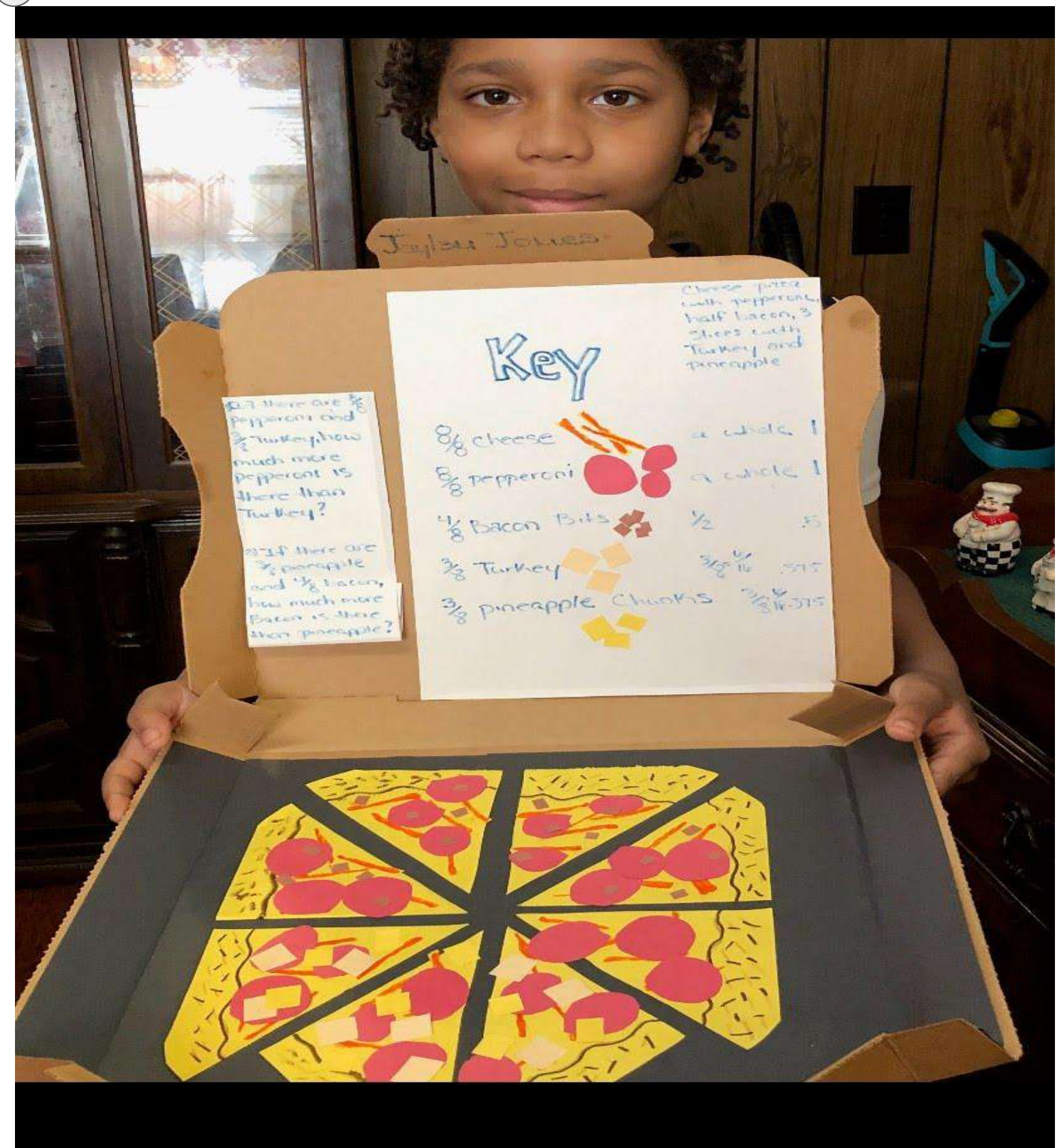
-ALL PROJECTS ARE DUE ON MARCH 08, 2021.

Be creative and have fun!

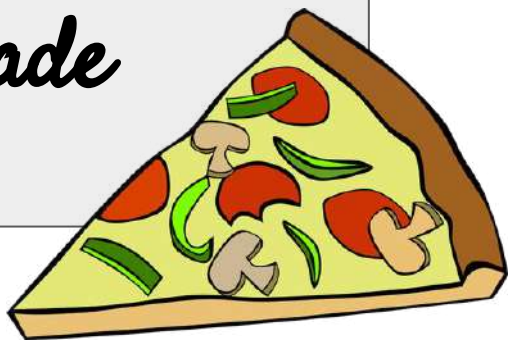
Credit given to 4thgradefrolics for the project idea.

Jaleen Jones, 4th grade





Eric Walker, 4th grade



Pepperoni: 5/8 (3/4 or 12/16)

Mushroom: 7/8 (56/64 or 14/16)

Green Pepper
22/8 (2 3/4); 22-(8×2)=6

Cheese
8/8=1

Banana Pepper
(6/8)=3/4 or 12/16

Pepperoni: 0.625=(5/8)

Mushroom: 0.875=7/8

Green Pepper: 2.75=22/8

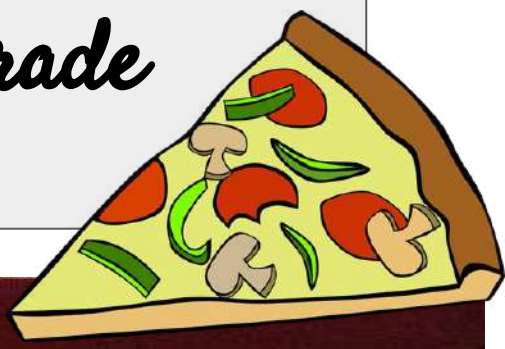
Banana Pepper: 0.75=6/8

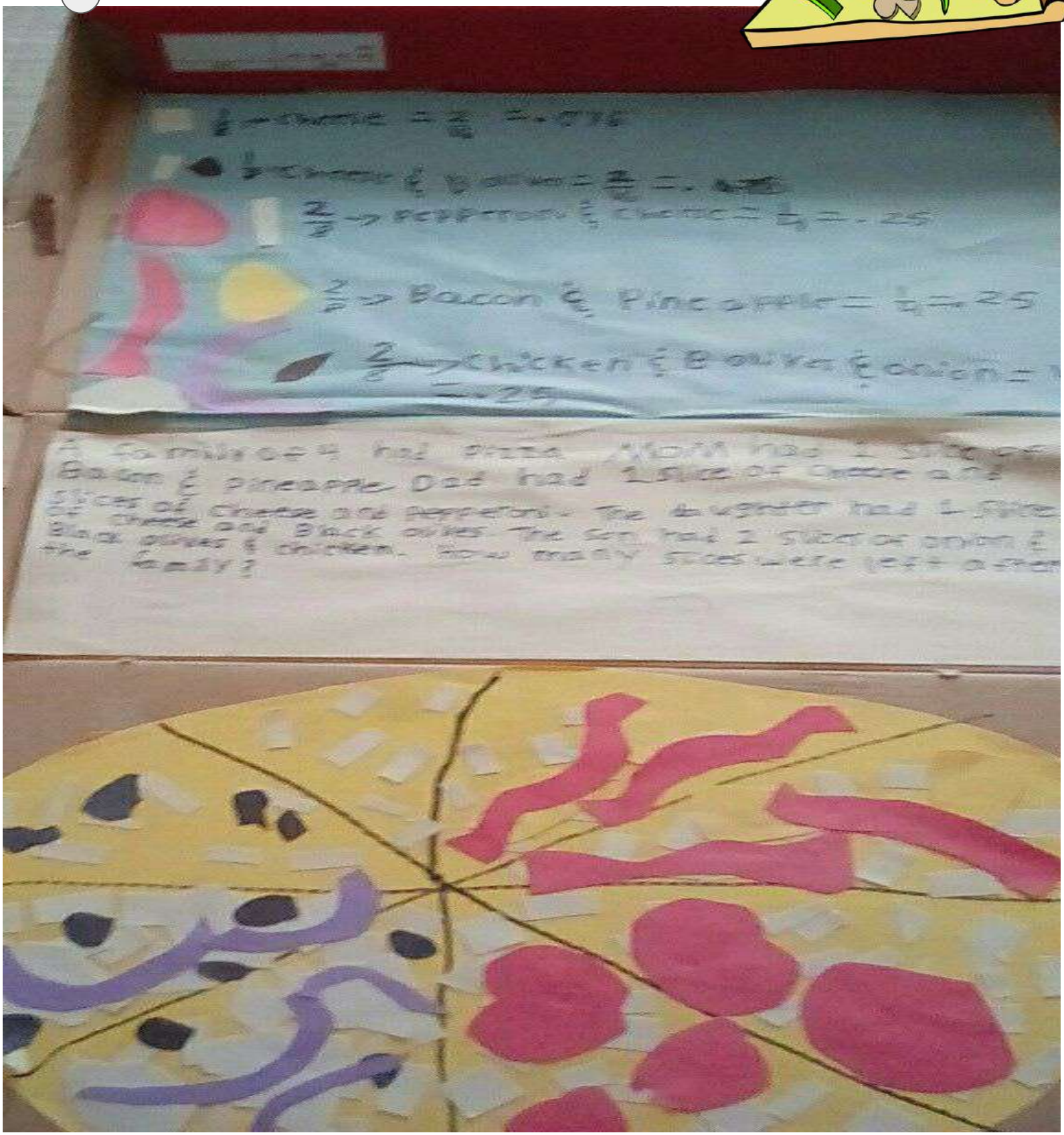
Cheese: 1=8/8

1. Elaina ate 5/8 of the pizza and her brother ate 1/8. How much pizza is left?

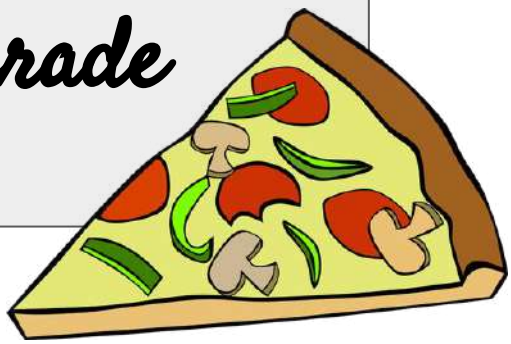
2. Elaina took 2/8 of the pizza to go home with her. She gave her brother 3/8 of the pizza. How much pizza is in the pizza box now?

Nevaeh Foster, 4th grade





Jordyn Gatling, 4th grade



Jimmy and Sam had bought a box of pizza. There is 8 pieces of pizza in the box. Jimmy has $\frac{3}{8}$ of the pizza. Sam has $\frac{5}{8}$. Which one has the most pizza Jimmy or Sam?

Jimmy has more because $\frac{3}{8}$ and Sam has $\frac{5}{8}$

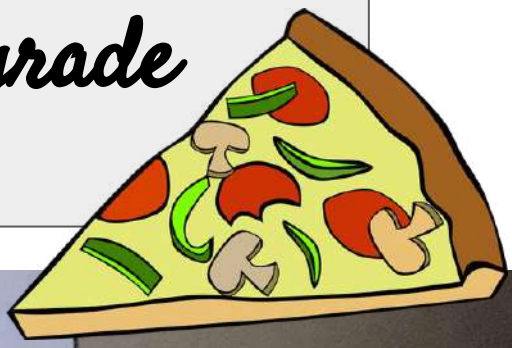
$\frac{6}{9}$ Slices of pizza
9 cheese

$\frac{6}{6}$ Slices of pizza
6 bacon bits

$\frac{8}{6}$ Pepperoni
6 Slices of pizza

$\frac{1}{6}$ green pepper
6 Slices of pizza

Kaleigh Faulcon, 4th grade



Date:

Kaleigh Faulcon

$\frac{2}{4}$ of the Pizza is

ham equivalent

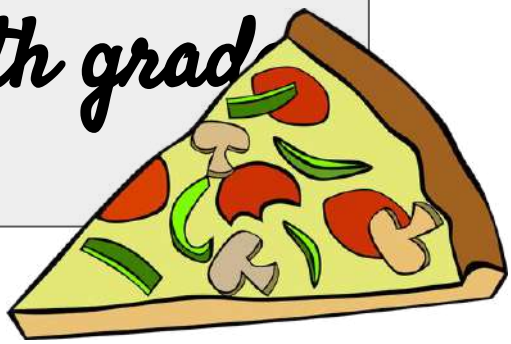
$\frac{4}{8}$

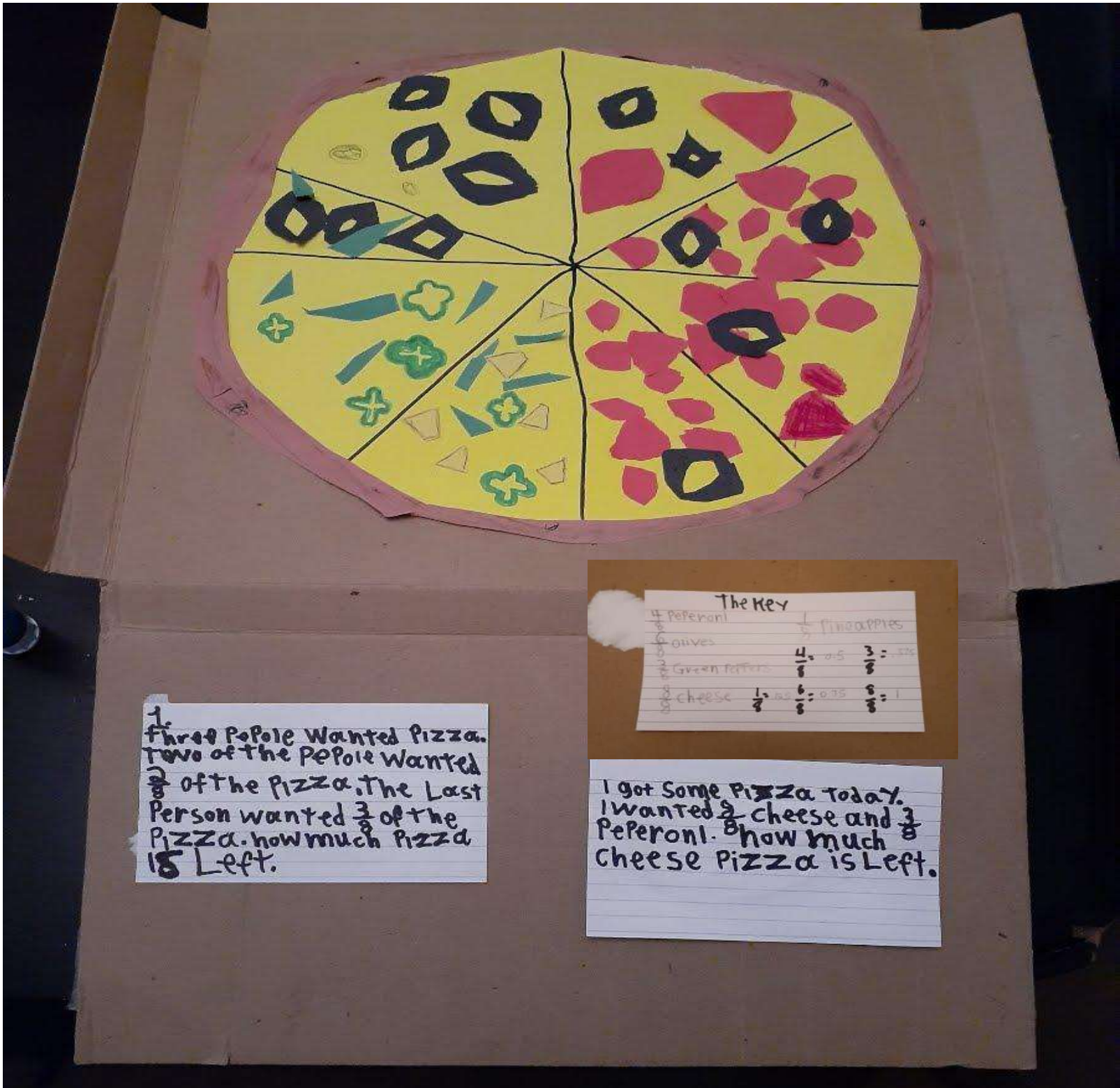
$\frac{2}{4}$ of the Pizza is

Pepperoni equivalent

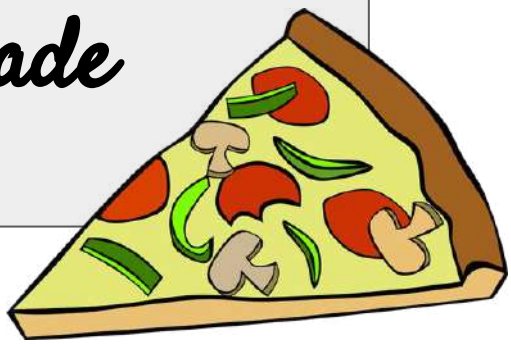
Fraction $\frac{1}{2}$

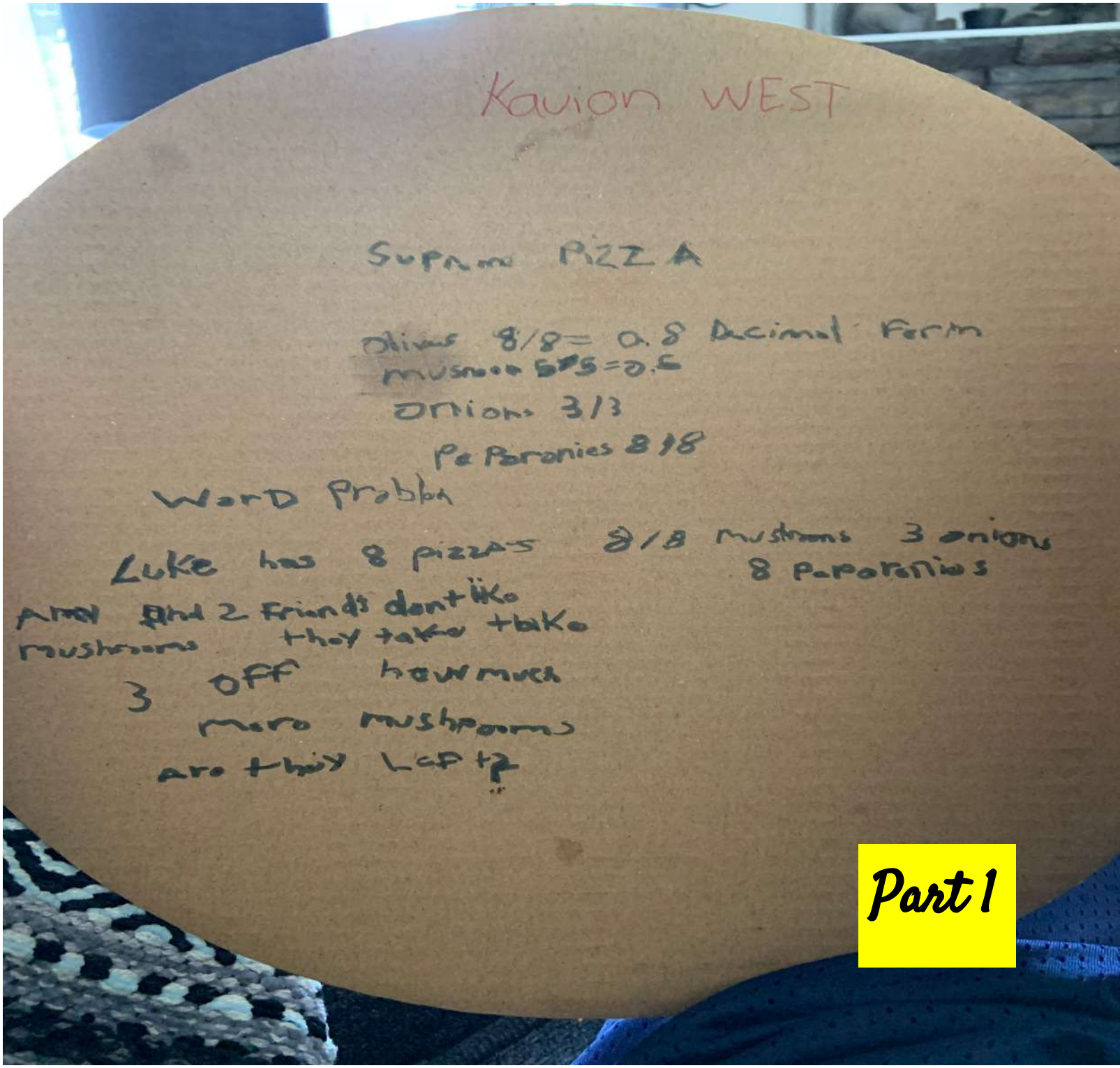
Sir Cashmere Jerman, 4th grad



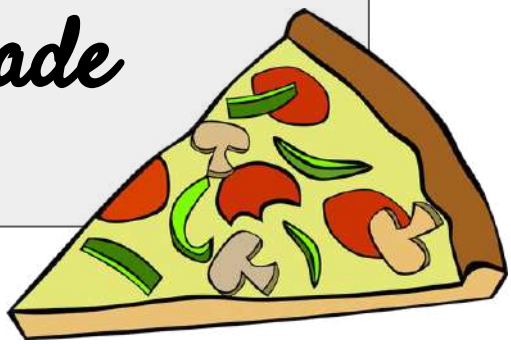


Kavion West, 4th grade



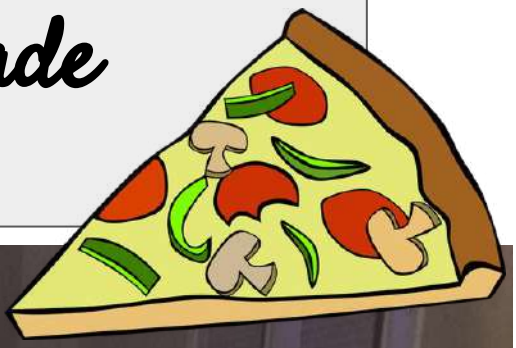


Kavion West, 4th grade



Part 2

Jayla Sykes, 4th grade



Word Problem# 1

Jayla's large pizza was delivered. She opened the box and saw it had a topping she dislike which is olives. If $\frac{6}{8}$ of the pizza has olives on it what portion will Jayla have left to eat?

Word Problem #2

Trina ordered a large pizza for her and 3 friends. She ate $\frac{2}{8}$ of the pizza and the friends ate $\frac{6}{8}$ of the pizza how much pizza did they eat all together?

Pepperoni

$\frac{4}{8} = \frac{5}{10}$ or $\frac{9}{18}$

mozzarella cheese

$\frac{5}{8} = \frac{10}{16}$ or $\frac{15}{24}$

Olive

$\frac{6}{8} = \frac{9}{12}$ or $\frac{12}{16}$

Green Pepper

$\frac{2}{8} = \frac{3}{12}$ or $\frac{4}{16}$

Sausage

$\frac{8}{8} \frac{1}{1}$

cheddar cheese

$\frac{3}{8} = \frac{6}{16}$ or $\frac{9}{24}$

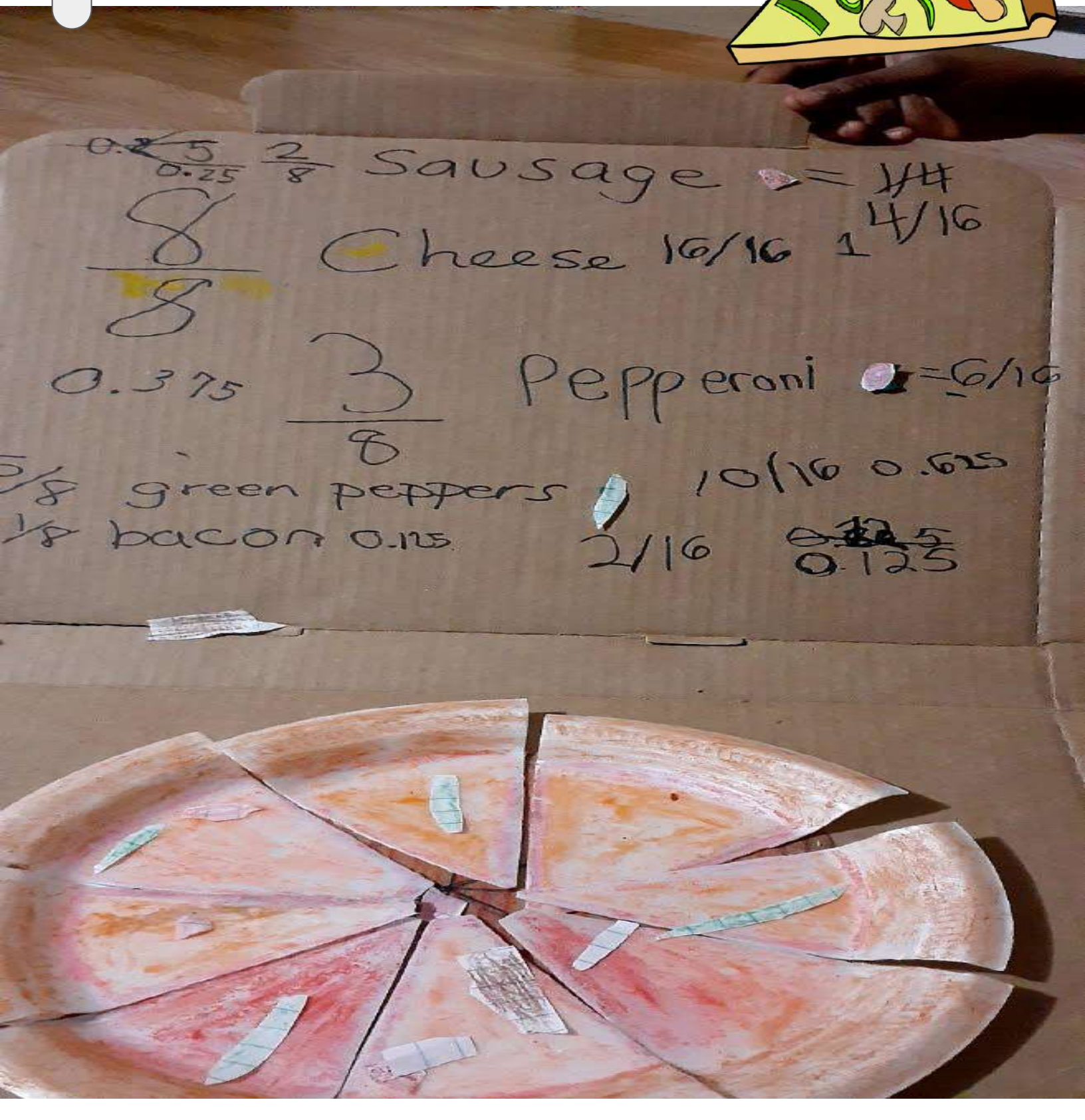
Problem #1

$\frac{8}{8} - \frac{6}{8} = \frac{2}{8}$

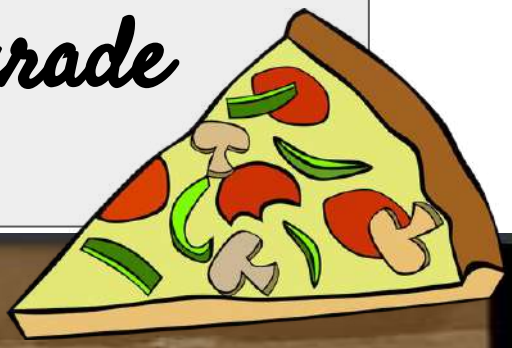
$\frac{2}{8} = \frac{1}{4}$

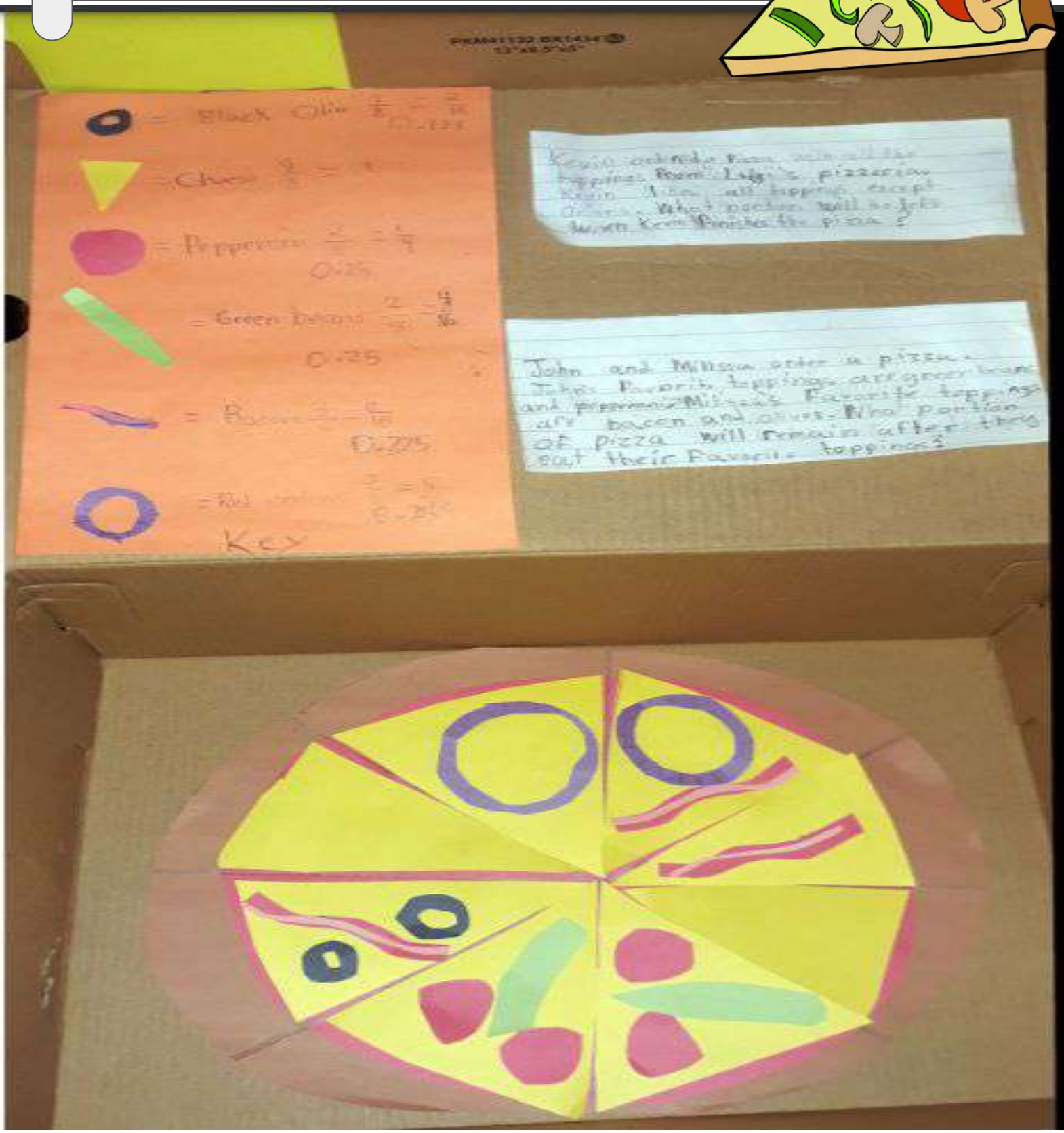
$\frac{6}{8} = \frac{3}{4}$

Ke'Shaun Whitaker, 4th grade

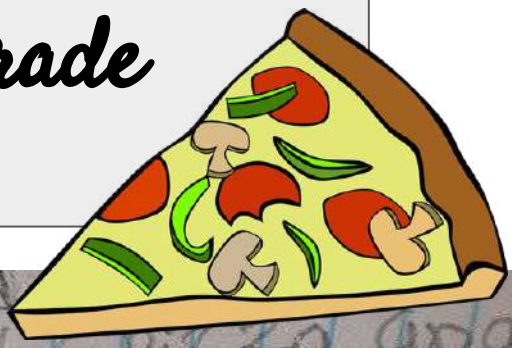


Kevin Sykes Jr., 4th grade





Jayde Gatling, 4th grade



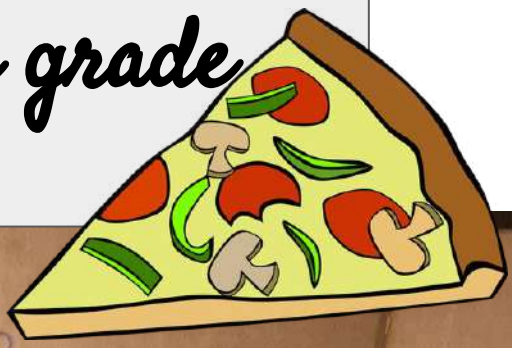
Sam and Delly ... the box. Sam had $\frac{1}{6}$ pizza and

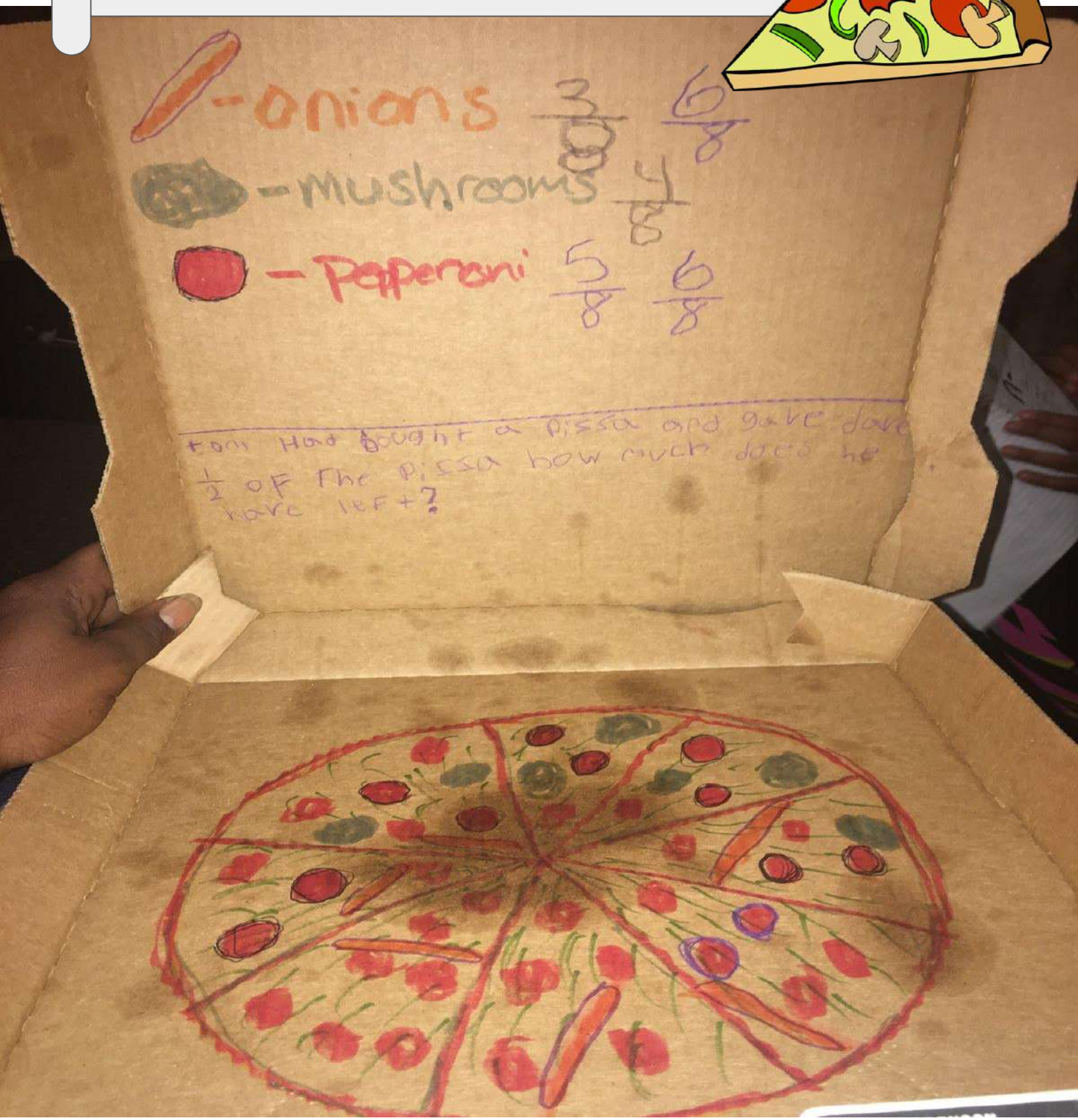
$\frac{3}{4}$ slices of pizza Pepperoni

$\frac{4}{5}$ slices of pizza cheese

$\frac{2}{3}$ slices of pizza Bacon

Adrianna Robinson, 4th grade

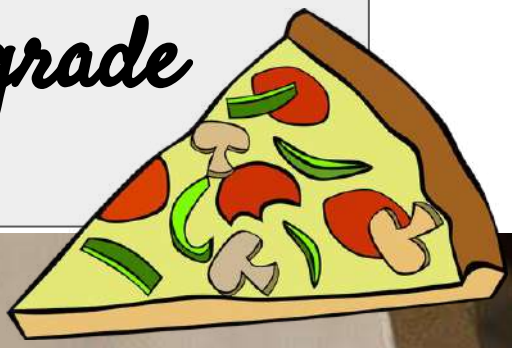




Marquee Lawrence, 4th grade

Marquee's 6-Topping Pizza

Amauri Centeno, 4th grade



Amauri Centeno

$\frac{2}{6}$ is pepperoni

$\frac{1}{6}$ is pineapple

$\frac{1}{6}$ ham

$\frac{4}{6}$ sausage

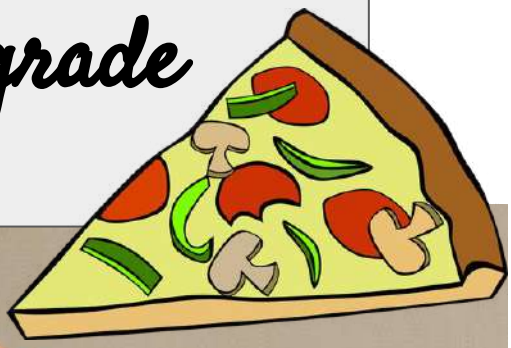
$\frac{1}{6}$ mushroom

1. What part of the pizza is $\frac{2}{4}$.

2. Is $\frac{2}{6}$ greater or less than $\frac{4}{6}$.

Part 1

Amauri Centeno, 4th grade



Part 2