

Name Anders # 30 Date 10-9-17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

4 cups of cheese for all of the mini pizzas

$$\frac{2}{3} + \frac{2}{3} = \frac{4}{3}$$

$$\frac{4}{3} + \frac{2}{3} = \frac{6}{3}$$

$$\frac{6}{3} + \frac{2}{3} = \frac{8}{3}$$

$$\frac{8}{3} + \frac{2}{3} = \frac{10}{3}$$

$$\frac{10}{3} + \frac{2}{3} = \frac{12}{3}$$

$$\frac{12}{3} - \frac{2}{3} = \frac{9}{3}$$

$$\frac{9}{3} - \frac{2}{3} = \frac{6}{3}$$

$$\frac{6}{3} - \frac{2}{3} = \frac{3}{3}$$

Multiple Grps Mult. (6, $\frac{2}{3}$)

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ + 1 \\ \hline 4 \end{array}$$

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

①

~~1~~ ~~2~~ ~~3~~ ~~4~~ ~~5~~
2

①

②

$$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3} \quad \star$$

$$\begin{array}{c} \wedge \quad \wedge \\ \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{4}{3} = 1\frac{1}{3} \end{array}$$

③

④

$$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3} \quad \star$$

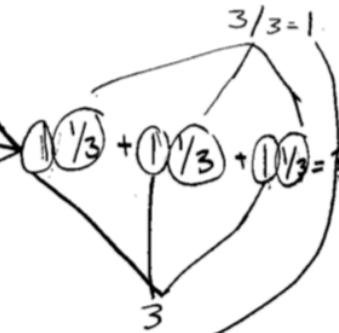
$$\begin{array}{c} \wedge \quad \wedge \\ \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{4}{3} = 1\frac{1}{3} \end{array}$$

⑤

⑥

$$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3} \quad \star$$

$$\begin{array}{c} \wedge \quad \wedge \\ \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{4}{3} = 1\frac{1}{3} \end{array}$$



3 + 1 = 4 cups of cheese

②

$$\frac{2}{3} \times 6 = \square$$

$$\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = \boxed{4} \text{ cups of cheese}$$

$\frac{2}{3}$ $1\frac{1}{3}$ 2 $2\frac{2}{3}$ $3\frac{1}{3}$ 4 Multiple Grps Mult. (6, $\frac{2}{3}$)

Equation: $\frac{2}{3} \times 6 = 4$ or $\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = 4$ | A = 4 cups of

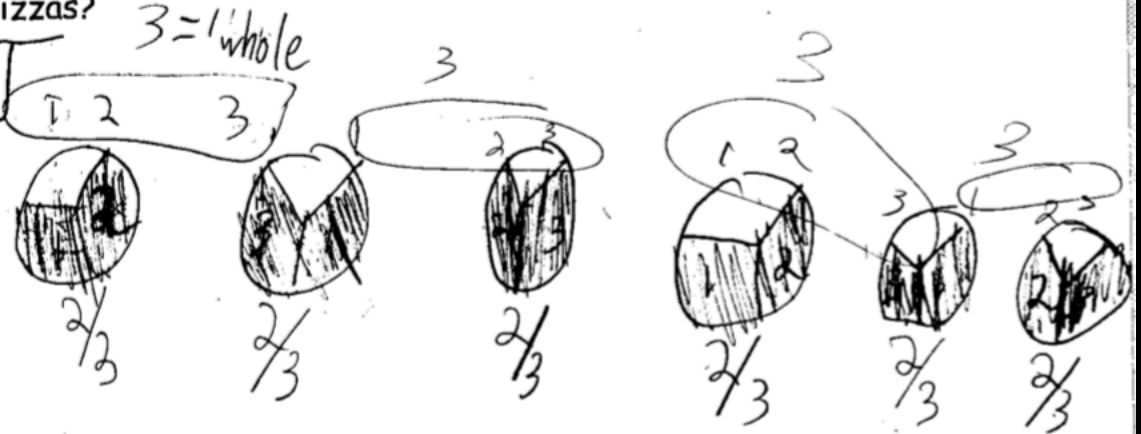
Name Caleb

4

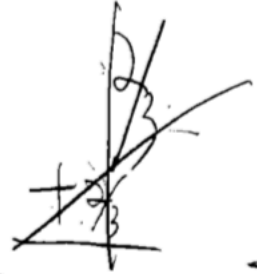
Date 10-9-17

Ms. Kim is making 6 mini pizzas. She wants to put ~~2~~^{1 1/3} cups of cheese on each pizza. How much cheese will she need for her pizzas?

strategy 1



strategy 2



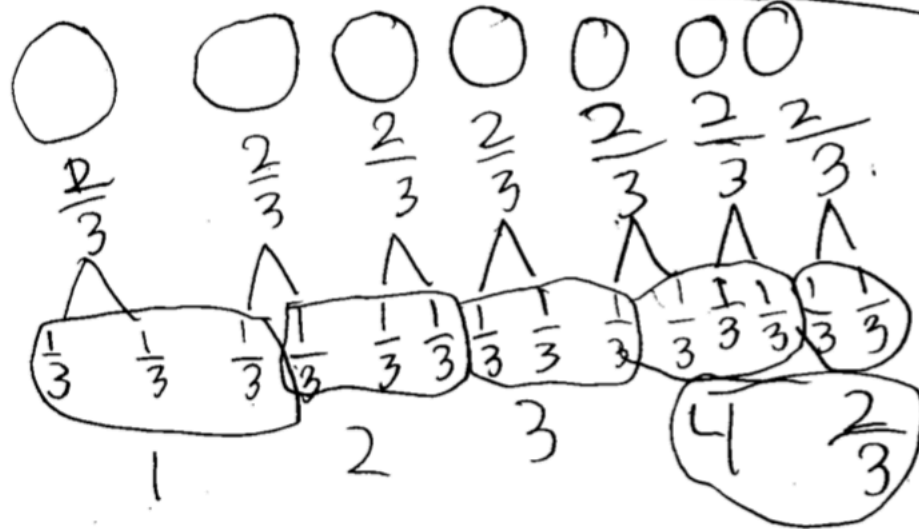
$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

12 cups in total of cheese.

Name Colin # 5 Date 10-9-17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

Answer: she needs $4\frac{2}{3}$ cups of cheese to make her six mini pizzas.



Name Emmit # 14 Date 10/1/17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

4 pizzas
 $\rightarrow \frac{1}{3} + \frac{1}{3} = 2\frac{2}{3}$

6 pizzas
 $\rightarrow 2\frac{2}{3} + \frac{1}{3} = 3$ cups to make 6 mini pizzas

2 pizzas
 $\rightarrow \frac{2}{3} + \frac{2}{3} = 1\frac{1}{3} = 2$

$$\begin{array}{r} \frac{2}{3} \\ \frac{2}{3} \\ \frac{2}{3} \\ \frac{2}{3} \\ \frac{2}{3} \\ + \frac{2}{3} \\ \hline 1\frac{2}{3} \text{ cups} = 4 \text{ cups} \end{array}$$

Name Finley # 16 Date 10-9-17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

$$\frac{2}{3} \times 6 = 12$$

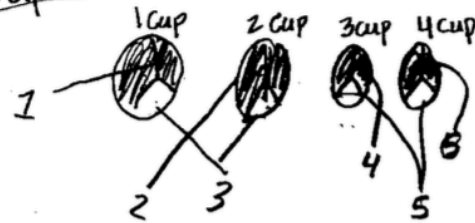
$$\frac{3}{3} \times 6 = 18$$

$$\frac{2}{3} \times 6 = 12$$

$$\frac{3}{3} \times 6 = 18$$

$$\begin{array}{r} 00 \\ 00 \\ 00 \\ 00 \end{array} \begin{array}{r} 00 \\ 00 \\ 00 \\ 00 \end{array} \begin{array}{r} 00 \\ 00 \\ 00 \\ 00 \end{array} \begin{array}{r} 9 \\ 18 \\ 27 \\ 36 \end{array}$$

mess up work ↗



$$(1 \div 3) \times 2 \times 6$$

It will take 4 cups of cheese to make 6 mini pizzas.

Name Jacob # 6 Date 10-9-17

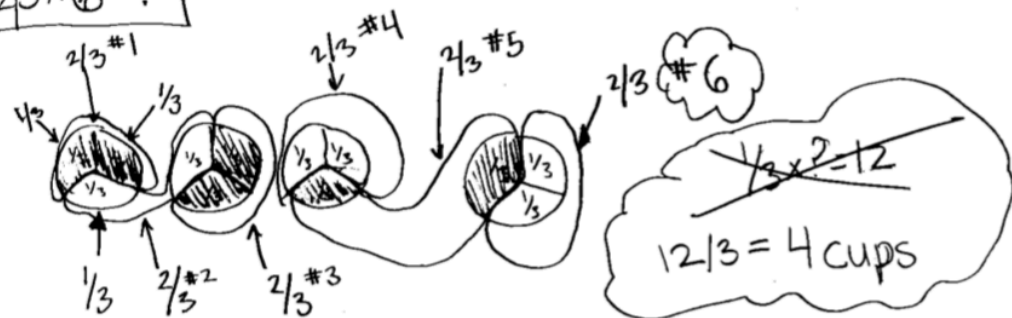
Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

$$\frac{2}{3} + \frac{2}{3} = 1\frac{4}{3} + \frac{2}{3} = 2 \text{ cups}$$
$$2 \text{ cups} + 2 \text{ cups} = 4 \text{ cups}$$

Name Joshua # 11 Date 10/9/17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

$2\frac{2}{3} \times 6 = ?$



~~$$\begin{array}{r} 2\frac{2}{3} \\ 2\frac{2}{3} \\ + 2\frac{2}{3} \\ 2\frac{2}{3} \\ 2\frac{2}{3} \\ 2\frac{2}{3} \\ \hline 12\frac{18}{9} \end{array}$$~~

Equation: $2\frac{2}{3} \times 6 = 4$

Answer: Ms. Kim will need 4 cups of cheese for all 6 pizzas.
Multiple Grps Mult. (6, $\frac{2}{3}$)

Name Lindsey # 27 Date 10-9-17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?

$$\begin{array}{cccccc} \boxed{1} & \boxed{2} & \boxed{3} & \boxed{4} & \boxed{5} & \boxed{6} \\ \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = 4 \end{array}$$

Diagram showing the addition of $\frac{2}{3}$ six times to reach 4 cups of cheese:

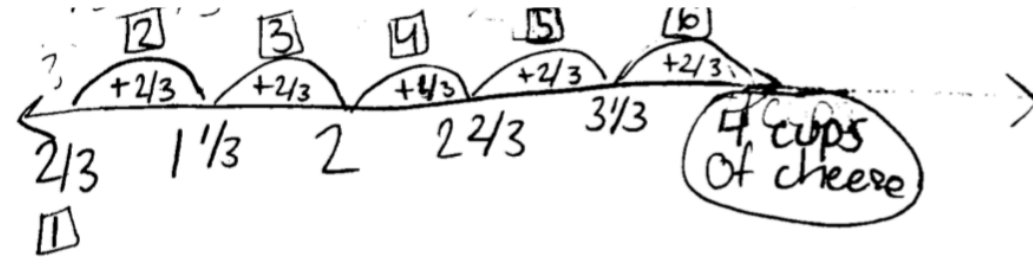
$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3}$
 $1\frac{1}{3} + \frac{2}{3} = 2\frac{2}{3}$
 $2\frac{2}{3} + \frac{2}{3} = 4$

4 cups of cheese

4 cups of cheese is needed for her pizzas.

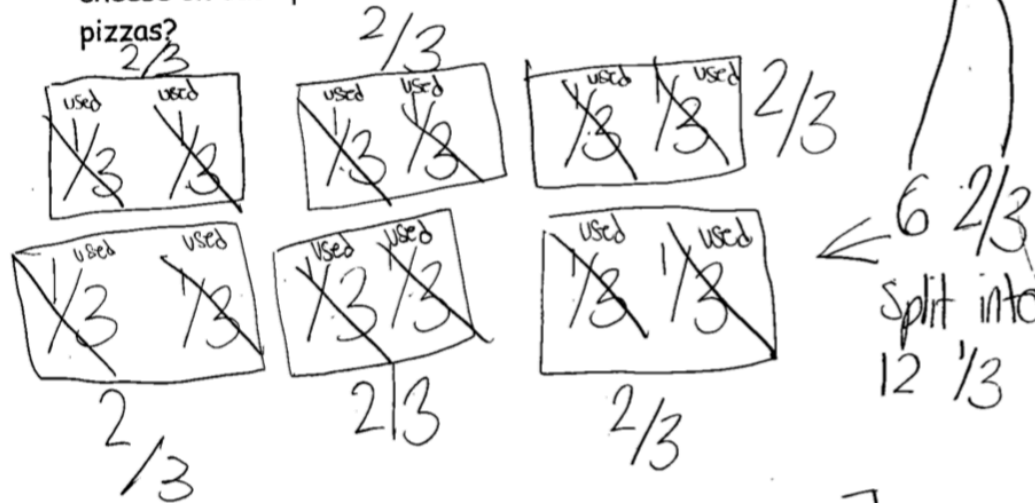
$$\frac{2}{3} \times \frac{6}{1} = \frac{12}{3} = 4 \text{ cups of cheese}$$

$$\frac{2}{3} \times 6 = 4$$



Name Riley # 9 Date 10/9/17

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?



$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = 1 \text{ whole cup} \quad \text{---} \quad 1$$

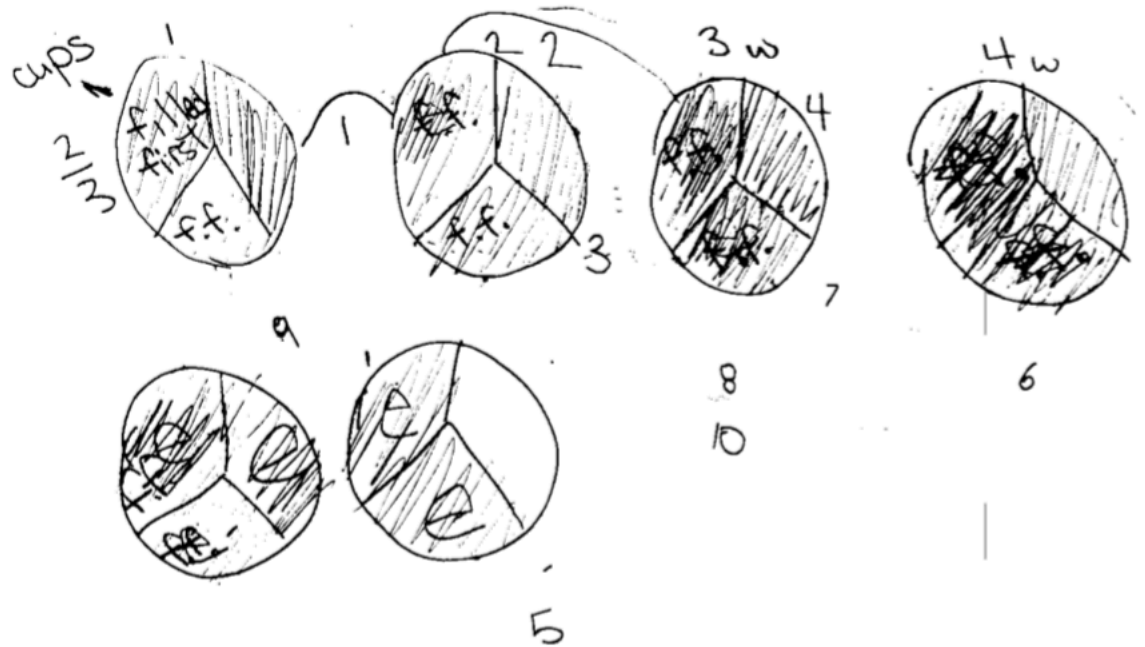
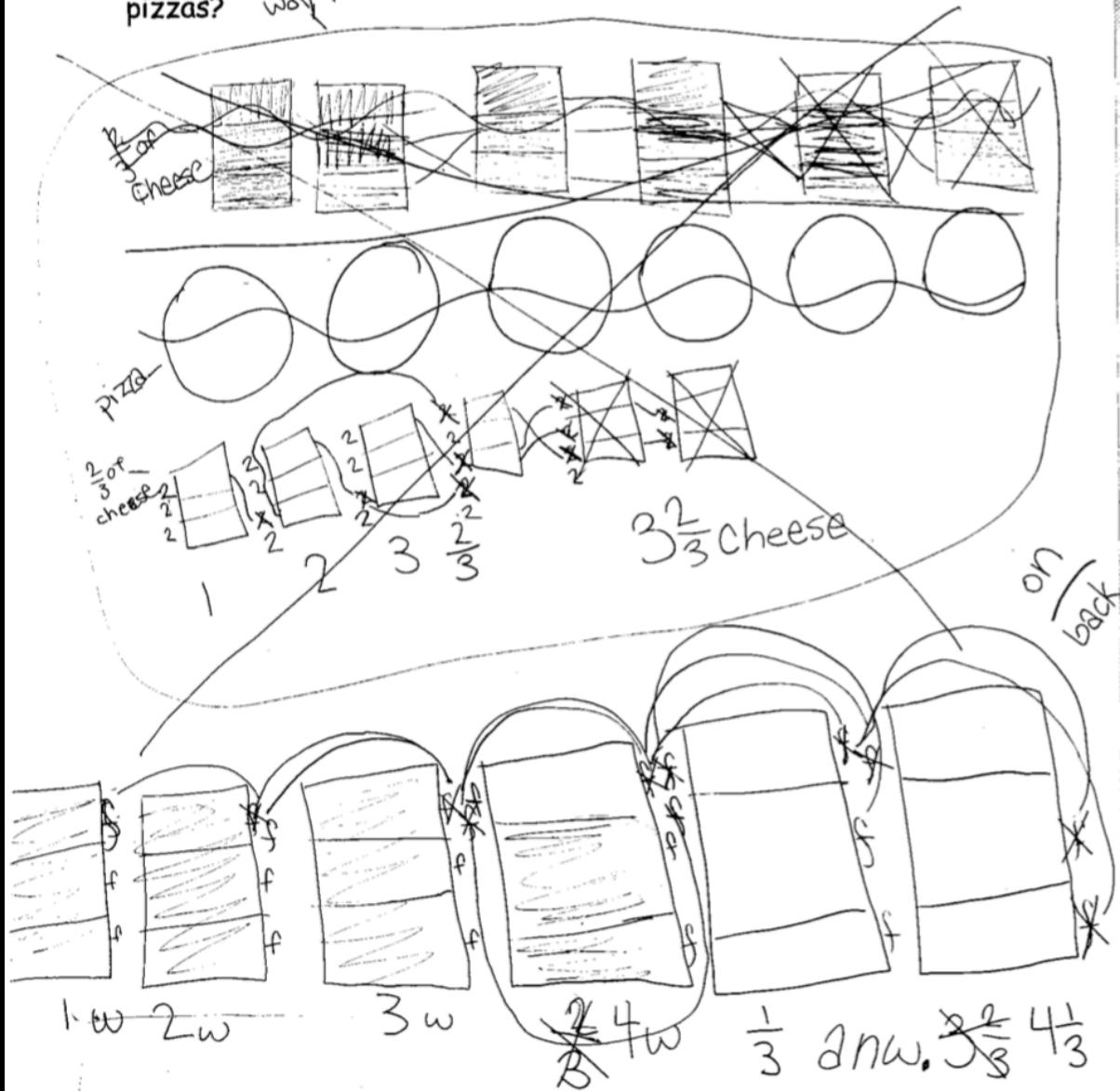
$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = 1 \text{ whole cup} \quad \text{---} \quad 1$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = 1 \text{ whole cup} \quad \text{---} \quad 1$$

$$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = 1 \text{ whole cup} \quad \text{---} \quad + 1$$

4
cups of

Ms. Kim is making 6 mini pizzas. She wants to put $\frac{2}{3}$ cups of cheese on each pizza. How much cheese will she need for her pizzas?



$e = \text{empty}$ ~~e~~ $= \text{full}$ again
ans. $= 4\frac{1}{3}$

Leslie



Andre



Emily



Adam



- b) There are 5 sticks of string cheese that 8 people would like to share. If they want each person to get the same amount, how much string cheese can each person have?

