Bale Sale Fundraiser Anchor Papers

STUDENT A

Name_____ Date_____

I went backwords because we are trying to see how many Cupcakes they Started with so we can see how much money they have. So that we can see if they need more money or if they have more then they need!

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

- In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
- During the second hour, they sold 2 cupcakes.
- During the third hour, they sold 75% of the remaining cupcakes.
- During the fourth hour, they sold the remaining 3 cupcakes.

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know.

$$\text{hour 1} \begin{cases} \frac{1}{3} = 0.33 \\ \frac{3}{8} = 0.375 \end{cases}$$

hour 3 $\{75\%$

hour 2 $\{2$

four 4, $\{3$

14.330
14.375
28.705

$$\frac{4}{24} \qquad \frac{11}{24}$$

$\frac{1}{3} = \frac{8}{24}$

$3\ 6\ 12\ 24$
8 16

×3
8,16,24 $\frac{3}{24}$

3 cupcakes = 25%

14 cupcakes solded

Brady
14.33
Jaquan 14.375

× 8 $\frac{8}{24}$

3, 6, 9, 12, 15, 18, 21, 24

$+ = \frac{11}{24}$

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Bale Sale Fundraiser Anchor Papers

STUDENT B

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

- In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
- During the second hour, they sold 2 cupcakes.
- During the third hour, they sold 75% of the remaining cupcakes.
- During the fourth hour, they sold the remaining 3 cupcakes.

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know.

common denominator

3   8

6	16
9	24
12	
15	
18	
21	
24	

Fraction times How many times 3 and 8

$\frac{1}{3} \times 8 = \frac{8}{24}$ go into 24

$\frac{3 \times 3}{8 \times 3} = \frac{9}{24}$

$\frac{9}{24}$

$\frac{8}{24}$

$\frac{17}{24}$

Goal
$100
washington
dc trip

25% is equal to the 4th day 3 cupcakes

25% is 3 cupcakes

$\frac{75}{25}$ 25 50 75
3 6 9
cupcakes cupcakes cupcakes

		2	2
		2	2
	2	2	2

48
cupcake
Started with

2.75
x48
132.00
more then
enough

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STUDENT B Continued

I Found out the common denomanator of $\frac{1}{3}$ and $\frac{3}{8}$ **STUDENT B**

How to find the common denominator

Same on bottom and top.

$$\frac{1}{3} \times 8 = \frac{8}{24}$$

$$\frac{3}{8} \times 3 = \frac{9}{24}$$ Common denominator

$$= \frac{17}{24}$$

3
6 2
9 3
12 4
15 5
18 6
21 7
24 8

8
16
24

2 2
2 2
2 2

48

3, 6, 9

3 cupkakes = 25%
+
9 cupcakes = 75%

12 cupcakes = 100%

48 cupcakes in all.

key
_.75
for each cupcake

30al
100
for
each
trip

$$48 \times 2.75 = \$132.00$$

Bale Sale Fundraiser Anchor Papers

STUDENT C

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

- In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
- During the second hour, they sold 2 cupcakes. 14
- During the third hour, they sold 75% of the remaining cupcakes. 12
- During the fourth hour, they sold the remaining 3 cupcakes. 3

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know.

75%

3rd hour   4th hour

| 25 | 3 | 25 | 3 | 25 | 3 | 29 | 3 |

I tried to do 25% for each, it worked but I didn't find out the first one. If you want to know how I did it, it's right here.

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STUDENT D

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

- In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
- During the second hour, they sold 2 cupcakes.
- During the third hour, they sold 75% of the remaining cupcakes. = 12 cupcakes
- During the fourth hour, they sold the remaining 3 cupcakes.

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know.

.33
.375

$100

$1hour = $\frac{1}{3} + \frac{3}{8} = \frac{4}{11} = 0.3\overline{6}$ 75 = $\frac{3}{8}$ is larger than $\frac{1}{3}$ so Jaquan sold more the 1st

hour: 14.33   Jaquan 14.375

14.330
14.375
28.705

$\frac{1}{3} + \frac{3}{8} = \frac{4}{24}$

$\frac{1}{3} = \frac{3}{8} +$

2hour = 14 cupcakes

12
+ 2
14

3hour = ▨▨ = $\frac{3}{4}$ =
75%

remaining
4hour = 3 cupcake 25%

I went backwards to get the total of the answers.

The hours went by 4ths so I had drawn some pictures to explain it more.

You have to add the fractions together & simplyfy to try & get you on the right path.

Bale Sale Fundraiser Anchor Papers

STUDENT E

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

9 8 •33
  • In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
    11
14 • During the second hour, they sold 2 cupcakes.
17 • During the third hour, they sold 75% of the remaining cupcakes.
3 • During the fourth hour, they sold the remaining 3 cupcakes.

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know. 32

$\frac{3}{8}$ $\frac{6}{16}$ $\frac{9}{24}$ $\frac{17}{24}$

$\frac{1}{3}$ $\frac{2}{6}$ $\frac{3}{9}$ $\frac{4}{12}$ $\frac{5}{15}$ $\frac{6}{18}$ $\frac{7}{21}$ $\frac{8}{24}$

4|8
14
12
3

first $\frac{1}{3}$ + $\frac{3}{8}$ =

Second 2 =
third $^{75\%}$ = $\frac{3}{4}$ =

fourth 3 =

$\frac{1^{st}}{2^{nd}}$ =75%   4 — $\frac{1}{2}$ = 5
$\frac{2^{nd}}{3^{rd}}$

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STUDENT E Continued

so 3rd

3×3=9

3 3 3   12

27 28 25   25
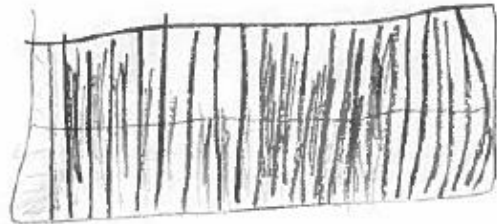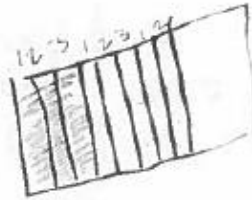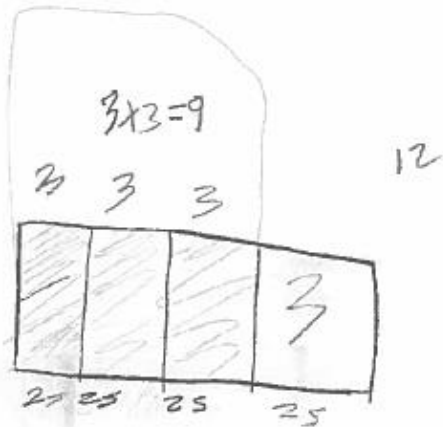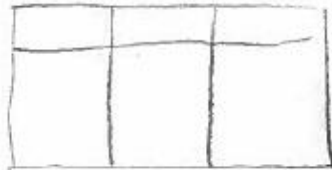
STUDENT F

Bake Sale Fundraiser

Brady and Jaquan were selling cupcakes together at a bake sale. They hope to make $100 so they can both go on the band field trip to Washington, DC.

~~48~~ • In the first hour, Brady sold $\frac{1}{3}$ of the cupcakes and Jaquan sold $\frac{3}{8}$ of the cupcakes.
14 • During the second hour, they sold 2 cupcakes.
12 • During the third hour, they sold 75% of the remaining cupcakes.
• During the fourth hour, they sold the remaining 3 cupcakes.

If they sold each cupcake for $2.75, will they make enough money to go on the field trip? If so, how much money would be left over for spending money? Explain how you know.

75% of 12 is 9 and if they sold that much
the would have ended with 3

Since they got rid of 2 you would add two

3| 6 9 12 15 18 21 24
8|16 24 42

$1 + \frac{3}{8} =$

$\frac{3}{9}$
$\frac{8}{24} + \frac{3}{24} = \frac{17}{24} - \frac{7}{24}$ is left over

12
+2
___
14

They have enough and 32 dollers spending money

STUDENT F Continued

I figured that If I sold $\frac{17}{24}$ I
have $\frac{7}{24}$ left then if $\frac{7}{24}$ broken up is in
7 twos that means all of them
are twos.

I have 48 cupcakes at
the begining

I'm doing 48 × 2.75 because each 48 is worth
2.75

48 × 2.75 = 132 $132