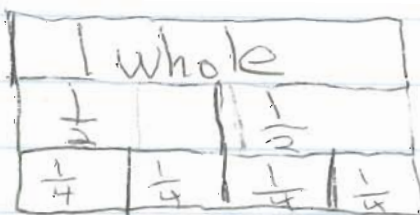
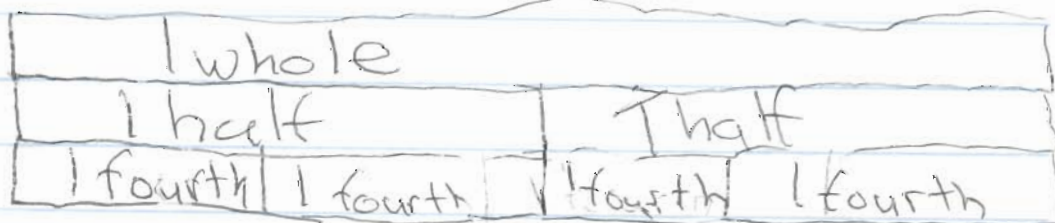


Critr

I compared my model with David's model. My model was two orange rods. I figured out that two yellow rods equal one orange and four yellow rods equal 2 orange rods. David's model was one purple rod and the red rods as the halves and the white rods as the fourths. I disagree that you can get different answers, because no matter what rods you use you will usually get the same answer.



Audra

Mira
↓

P			
R		R	
W	W	W	W

agree - even

Other's
↓

O				DG			
B				B			
P		P		P		P	
R	R	R	R	R	R	R	R

even

$\frac{1}{8}$ Bigger

It is possible to get different answers.

10/3/93

Exm

$\frac{1}{2}$ is larger than $\frac{1}{4}$ by how much?



$\frac{1}{4}$ is $\frac{1}{2}$ as large as $\frac{1}{2}$.

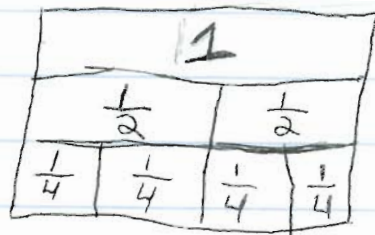
Michael

10/3/93

I think half is bigger than $\frac{1}{4}$ by $\frac{1}{4}$ because it ~~there~~ takes two $\frac{1}{4}$ to equal a half and I think ~~that~~ they will always get $\frac{1}{4}$, because it takes 4 $\frac{1}{4}$ to equal a whole and it will always take 2 halves to equal one whole. I agree with the model below because it shows what I am trying to explain that $\frac{1}{2}$ is bigger than $\frac{1}{4}$ by $\frac{1}{4}$. This is true for any model.

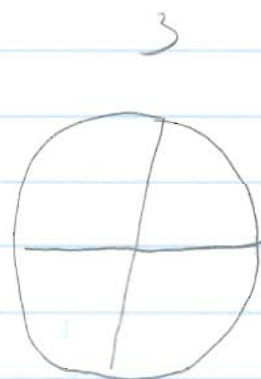
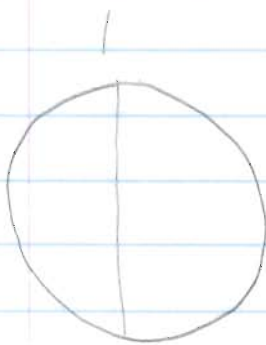
Whole			
$\frac{1}{2}$		$\frac{1}{2}$	
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

Working with fractions with
Rutgers Kimberly [redacted] 10/1/93



One half is bigger than $\frac{1}{4}$ by $\frac{1}{4}$. This is the other team's answer. I agree with their answer because if I take one $\frac{1}{2} + \frac{1}{4}$ out of my model it clearly shows that I need one more $\frac{1}{4}$ to make $\frac{1}{2}$.

$\frac{1}{2} > \frac{1}{4}$ by how much?
 $\frac{1}{2}$ is ~~larger~~ then $\frac{1}{4}$ by a quarter.



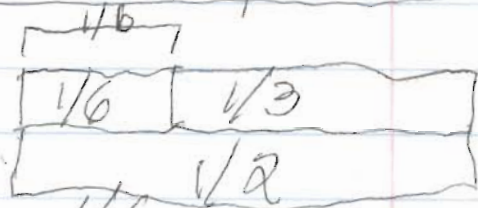
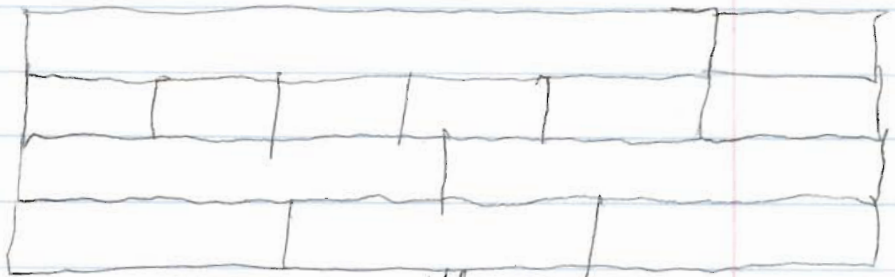
by
Sarah



Alan

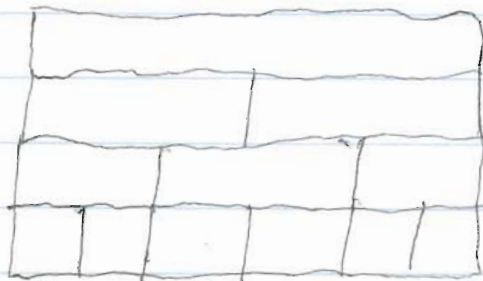
$\frac{1}{2}$ is bigger than $\frac{1}{3}$
by how much?

Diagram 1

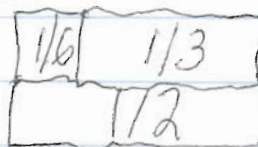


$\frac{1}{2}$ is bigger by $\frac{1}{6}$

Diagram 2



$\frac{1}{6}$



Jessica

In Math we had to figure out all different problems. One example of a problem goes like this.....

Brown			
Purple	Purple		
LG	LG	LG	LG

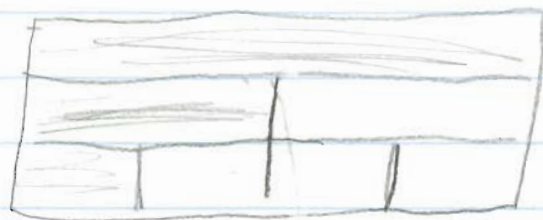
Just for know you have to pretend that the blocks are even.

The brown would be a whole the halve would be purple and the fourth would be light green.

It is not possible to get different answers with different models.

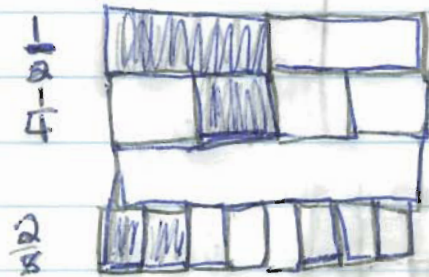
Graham

I agree with another group's model because it takes two quarters to make one half.



It is possible because there might be a different model that we never did.

Meredith



or $\frac{1}{2}$ is bigger than $\frac{1}{4}$ by $\frac{2}{8}$

Yes,

Jackie
Math

Oct. 1, 1993
4-PR

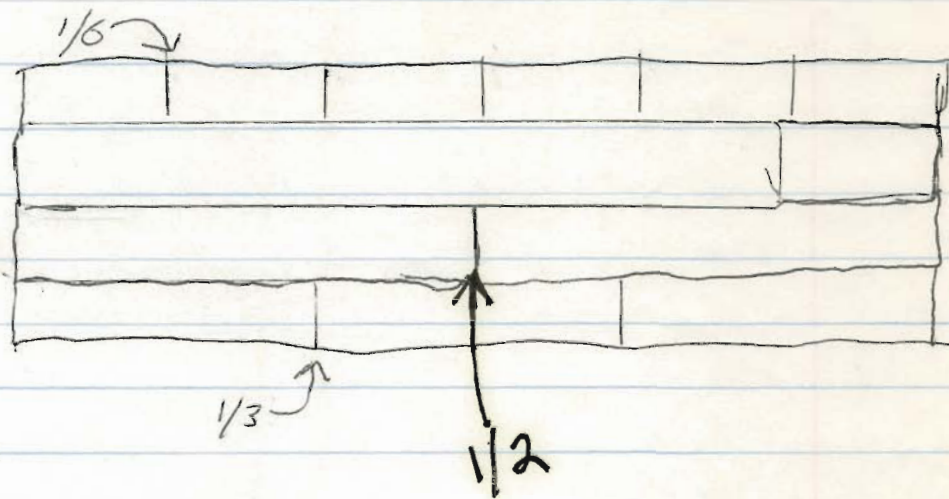
Use another group $\frac{1}{2}$ greater than $\frac{1}{4}$ different model. Is it possible to get different answers with different models?

If you have one purple as one whole, red for one half and ~~white~~ white for $\frac{1}{4}$. Yes it is possible to get different answers for different models.

Is $\frac{1}{3}$ larger? By how much?

Andrew

I agree that $\frac{1}{2}$ is larger by $\frac{1}{6}$ because

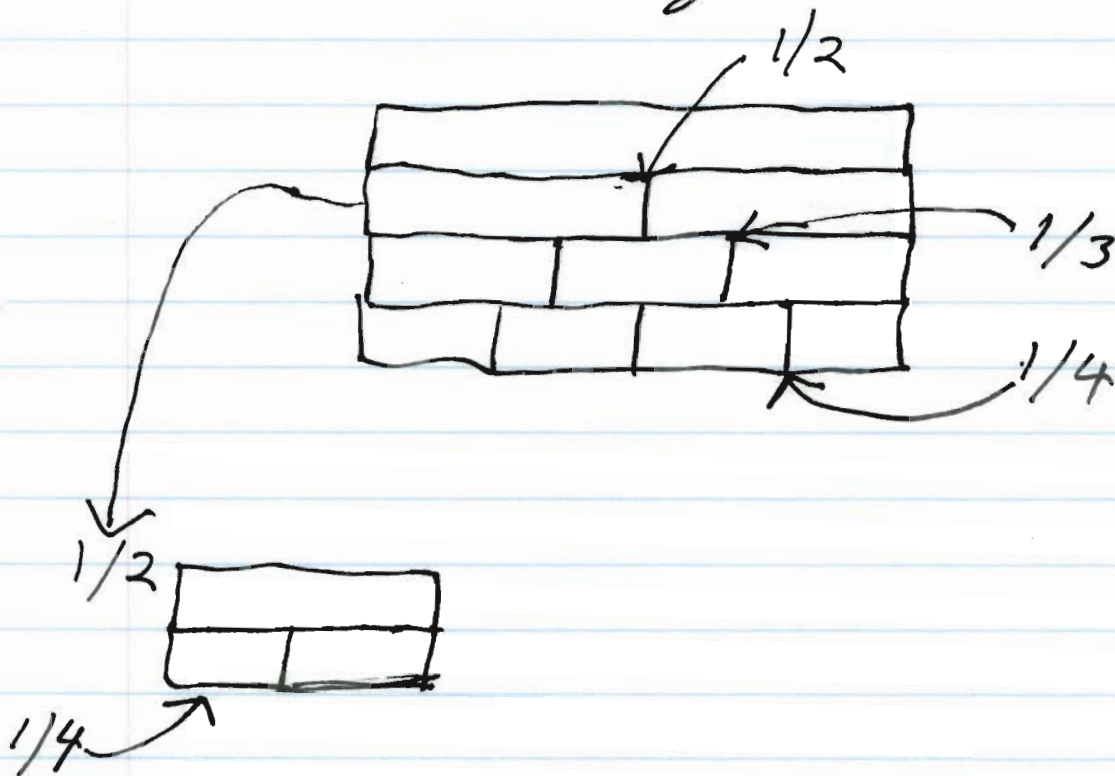


I think $\frac{1}{2}$ is bigger than $\frac{1}{4}$.
The reason is six white rods fit
on top of a dark green rod and
three white rods fit on top
of a light green rod. Since
there are twelve white rods
in the whole, $\frac{1}{2}$ is bigger by
 $\frac{3}{12}$. I don't think there are any
other ways.

James 

$\frac{1}{2}$ is bigger than $\frac{1}{4}$ by
how much. Andrew [REDACTED]

I agree with
Merideth that $\frac{1}{2}$ is bigger
than $\frac{1}{4}$ by $\frac{1}{4}$.



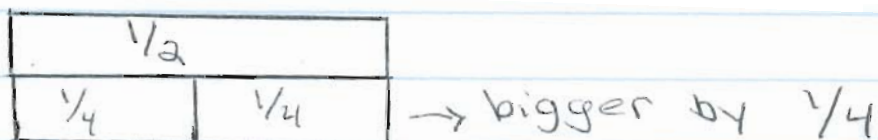
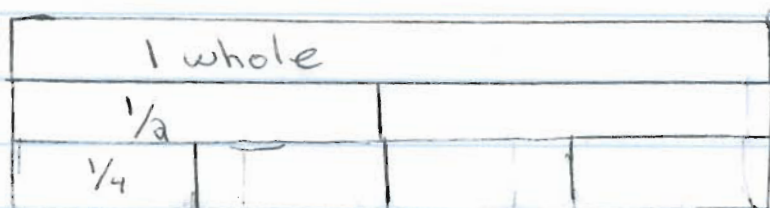
Laura

October 3, 1993

I think $\frac{1}{2}$ is bigger than $\frac{1}{4}$ by $\frac{1}{4}$.

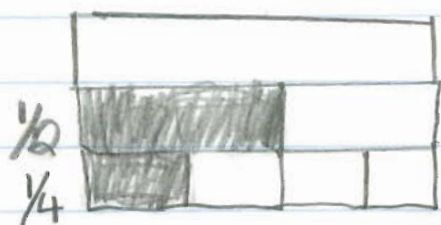
This is because if you put $\frac{1}{2}$ and $\frac{1}{4}$ next to each other. Then you put $\frac{1}{4}$ next to it.

It will be the same as $\frac{1}{2}$.

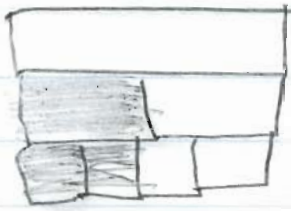


mark

- ① $\frac{1}{2}$ is larger than $\frac{1}{4}$ by $\frac{1}{4}$ because if you measure $\frac{1}{4}$ it is smaller by $\frac{1}{4}$.



- ② Yes it is true you can get different answers with different models. If someone else builds a model a different way you could have different answers.



I agree.

Amy

Yes it is possible to get
a different with different models

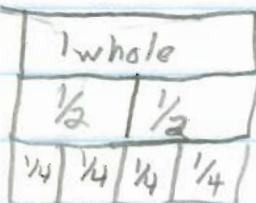
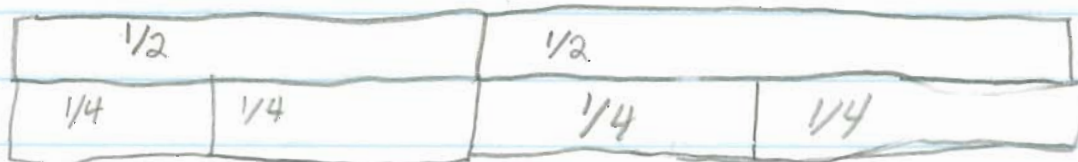
Dave

10-3

1. Is it possible to get a different answer with different models? If you take two reds and two oranges, they're still both half. Then if you take a white and a yellow, there're $\frac{1}{4}$. So I think that you can't.

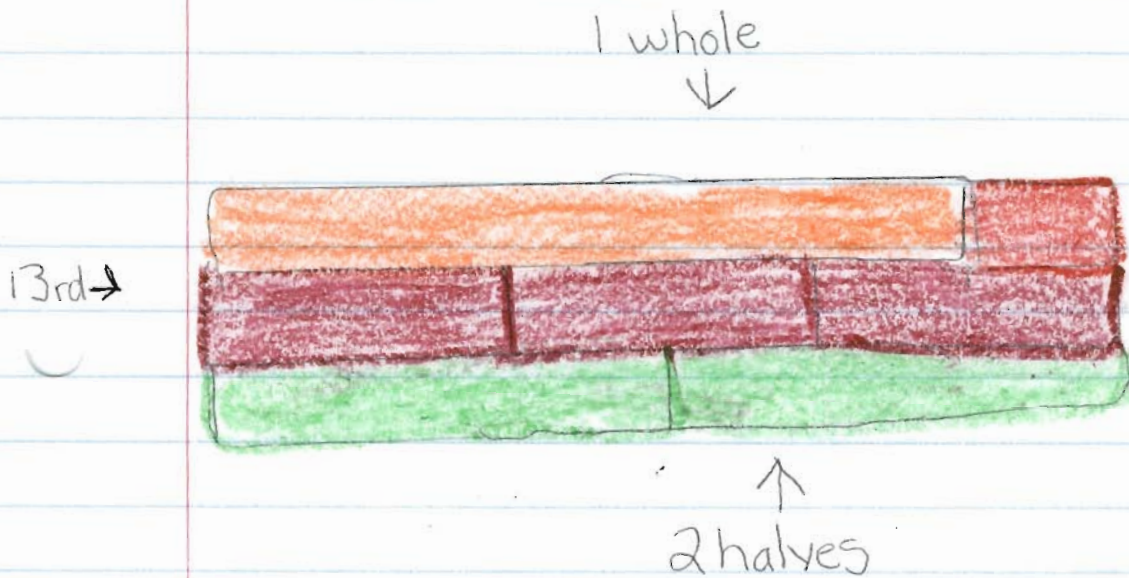
Use another groups different model and agree or disagree.

I spoke with Erik and his was two oranges and four yellows, so I agree with him.



Jessica

$\frac{1}{2}$ is larger than $\frac{1}{3}$ but
it is smaller than $\frac{2}{3}$ by
one red. Also red represents
 $\frac{1}{6}$.



Both

Is $\frac{1}{2}$ bigger $\frac{1}{4}$ if so by how much

① halves



② fourths



I think that $\frac{1}{2}$ is bigger than $\frac{1}{4}$. Because if you look at the picture $\frac{1}{2}$ looks like one quarter more than $\frac{1}{4}$.