

Math Fluency Practice

Please initial each line for every 10 minutes of fluency practice.

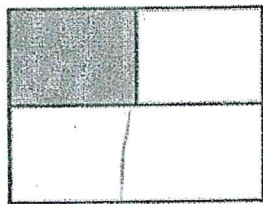
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January 25, 2017

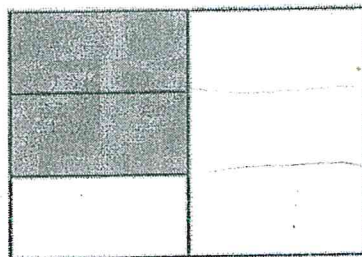
Christopher, Lilli, Ayden and Ebony wanted to add some Mondrain type paintings to the walls of the Bistro. They drew the pictures below.

Part A: Write a fraction to show how much of each shape is shaded. How did you know what fraction was shaded? Use precise words to explain your thinking.

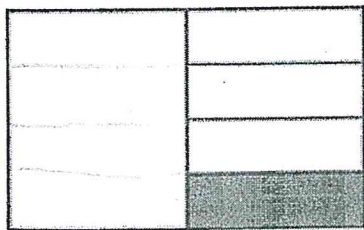
1.



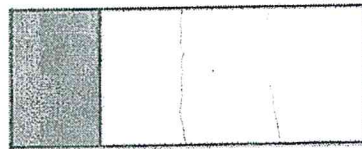
2.



3.

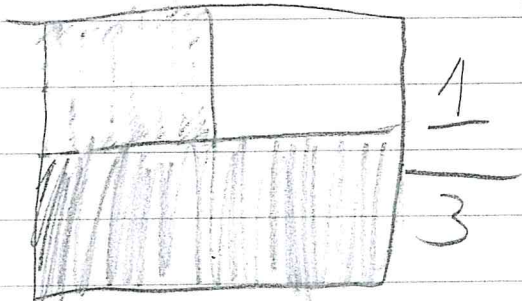


4.



Part B: What math practice did you use? Explain.

$$\frac{1}{3}$$

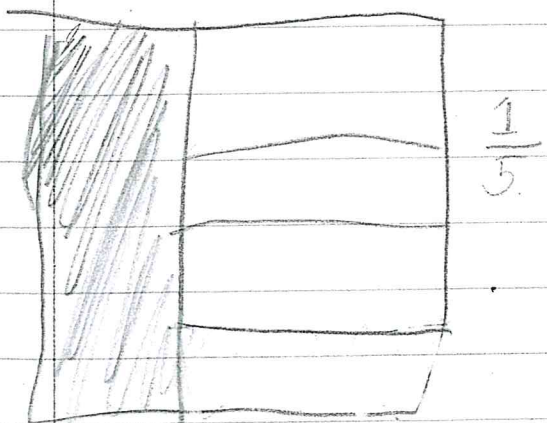
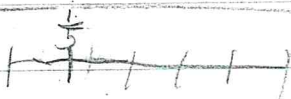


It is one third because only 1 part of three pieces is shaded in.

$$\frac{2}{4}$$



It is $\frac{2}{4}$ because only 2 parts of 4 pieces are shaded in.



I know it is $\frac{1}{5}$ because 1 part of 5 parts are shaded.



It's $\frac{1}{4}$ because if you were to have a chocolate bar and you ate $\frac{2}{4}$ then that would be half so if you ate $\frac{1}{4}$ then that would be a quarter of the half that is how I found my answer.

write
ed it
be
you

$$\frac{1}{4}$$

A The first fraction was $\frac{1}{4}$. The
second fraction was $\frac{2}{6}$ ($\frac{1}{3}$). The
third fraction is $\frac{1}{8}$ and the
fourth fraction is $\frac{1}{5}$. I know
that each fraction is shaded
because the numerator is the
shaded number in this and the
denominator is the whole.

B, I used math practice #4
model with mathematics
because I used the pencil to
make more lines on the
rectangles. On the fourth
fraction I had to use a
ruler to make the other
rectangles. I made the
lines so that the rectangles
were even. That's how I
got my answer. I made
the lines because part of
the rectangles that weren't
even, so that they are
even and we can tell what
the real fraction is.

$$1. \frac{1}{4} \quad 2. \frac{2}{6} \quad 3. \frac{1}{8} \quad 4. \frac{1}{4}$$

The part shaded is the numerator. The total number is the denominator. For this problem, I put the shapes into equal parts to figure out denominator. You have to count how many parts are shaded to get your numerator.

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Ally Ally _____
Ally _____ _____

January 25, 2017

Christopher, Lilli, Ayden and Ebony wanted to add some Mondrain type paintings to the walls of the Bistro. They drew the pictures below.

Part A: Write a fraction to show how much of each shape is shaded. How did you know what fraction was shaded? Use precise words to explain your thinking.

1. Christopher $\frac{1}{4}$

2. $\frac{1}{6}$

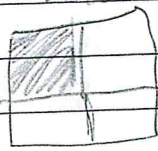
3. Ayden $\frac{1}{8}$

4. Ebony $\frac{1}{4}$

Part B: What math practice did you use? Explain.

I found out that christopher's painting can actually turn into $\frac{2}{8}$ if you draw 2 more

I know that all of those are correct because half of the mondraim painting is drawn. I know that fractions are equal so I know if it looks like $\frac{1}{3}$ its actually $\frac{1}{4}$ because the pieces aren't equal. I know that I can break this square into 4ths because it wouldn't be fair if I gave Mrs. Cotton a piece and I gave my dog a

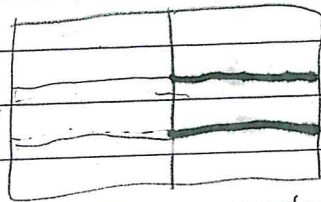


There all equal pieces. I'd have to split it so it be equal. For example lillie's painting looks like its $\frac{2}{4}$ but it actually isn't equal so I'd have to split it

equal

I also used the greater and less than symbols

equal piece



equal lines to break it equal

equal piece equal piece

to solve my problems

lillie is I used math practice 7# because I already know that all fractions have to be equal. I also used math practice 10 and 11 because I used numbers and symbols, also pictures to represent my argument. I also used math practice 4, 3 because some people might say lillie's work is better than in there work.