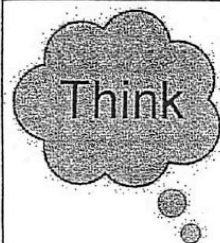
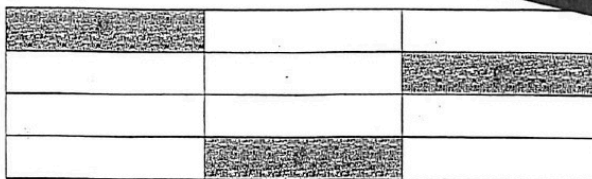


Student 1



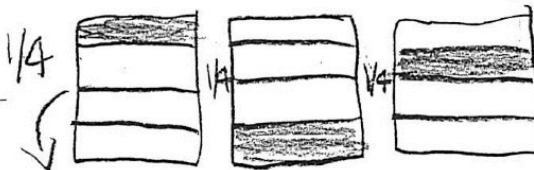
What fraction of the rectangle



Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

Defend your answer.

Yes, Laura is correct. She is because $\frac{1}{4}$ is equal to $\frac{3}{12}$.



$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$$

This shows that the two fractions are equal

$$\frac{1}{4} = \frac{3}{12}$$

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

The tiles are just rearrange now it shows $\frac{1}{4}$, so Laura is correct

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

$$\frac{3}{4}$$

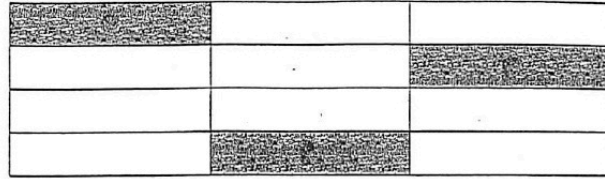
$$\frac{4}{4}$$

I have shown four ways that the fractions are equal. This shows that Laura is correct.

Student 2

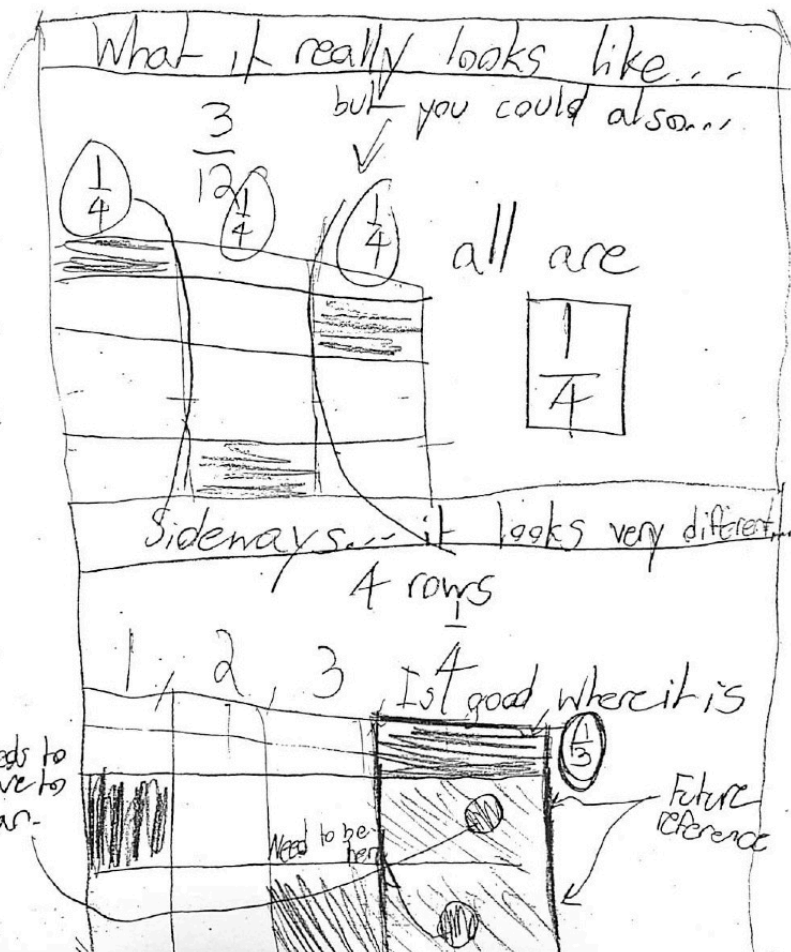


What fraction of the rectangle below is shaded?



Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct? *Yes, I agree with Laura because of my work below.*

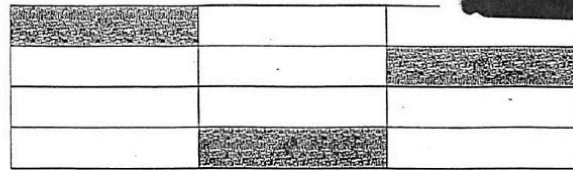
Defend your answer.



Student 3



What fraction of the rectangle bel



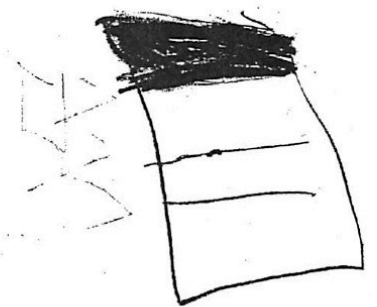
$$\frac{3}{12}$$

Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

Defend your answer.

No
Laura is
right
It
is
1 of the
4

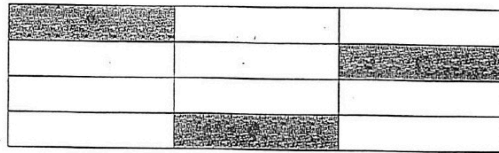
1 of the row
4 all together



Student 4

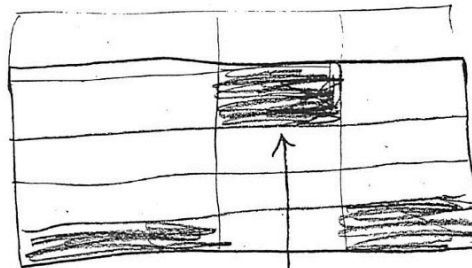
Think

What fraction of the rectangle below is shaded?



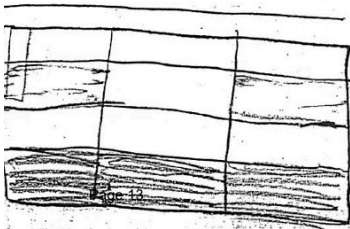
Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

Yes because there is four groups
and if you tape them there is $\frac{1}{4}$
Also $\frac{1}{4}$ is equal to $\frac{3}{12}$ Defend your answer.



$$\frac{1}{4} \times \frac{3}{3} = \frac{3}{12}$$

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$$

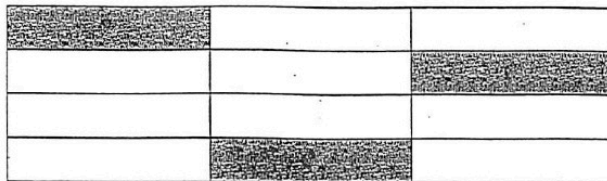


Even though
they are in a
different order
its still is equal to $\frac{1}{4}$

Student 5



What fraction of the rectangle bel

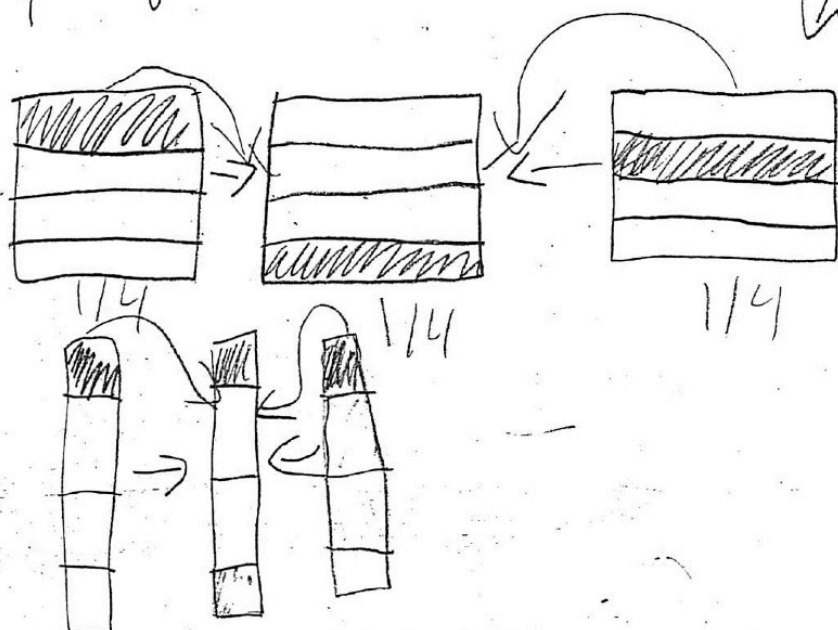


Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

Defend your answer.

Laura is correct because $\frac{3}{12}$ is equal to $\frac{1}{4}$. It shows me that Laura has 3 pieces of $\frac{1}{4}$ so Laura put the 3 pieces of $\frac{1}{4}$ together and she made $\frac{3}{12}$.

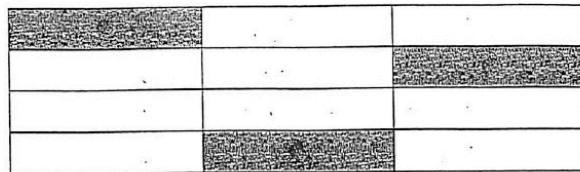
$$\begin{array}{r} 12 \\ 3 \cancel{=} 1 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ 1 \cancel{=} 4 \\ \hline 4 \end{array}$$



Student 6



What fraction of the rectang

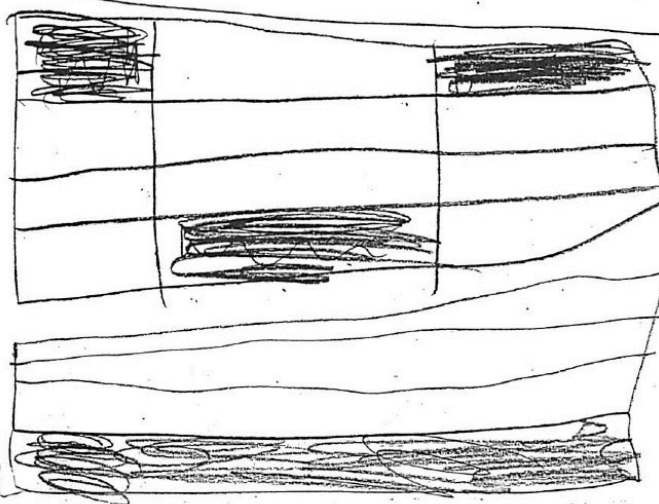


Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

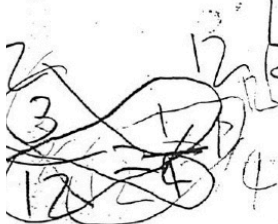
Defend your answer.

Yes because $\frac{3}{12}$ is equivalent to $\frac{1}{4}$ because if you get rid of the vertical lines it equals

$\frac{1}{4}$



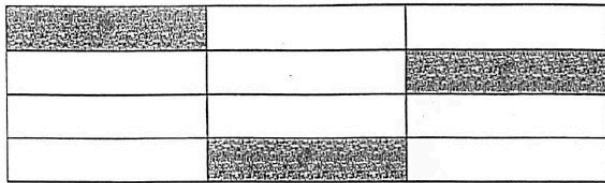
is = to



Student 7


What fraction of the rectangle below is shaded?

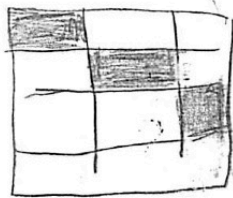
Think



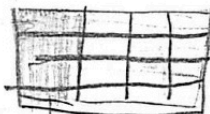
Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct?

Defend your answer.

Yes, I do or, think Laura is correct because there is three Parts and each Part has one Shaded bit if you rearrange them like this  then it is still correct



Correct
Laura's



Correct