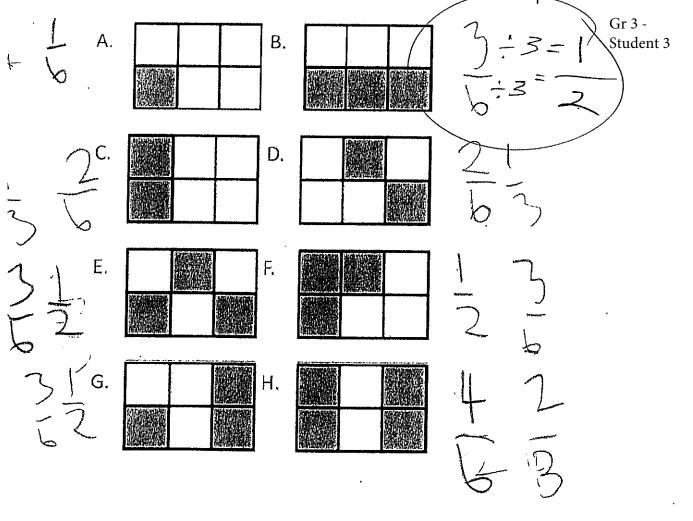
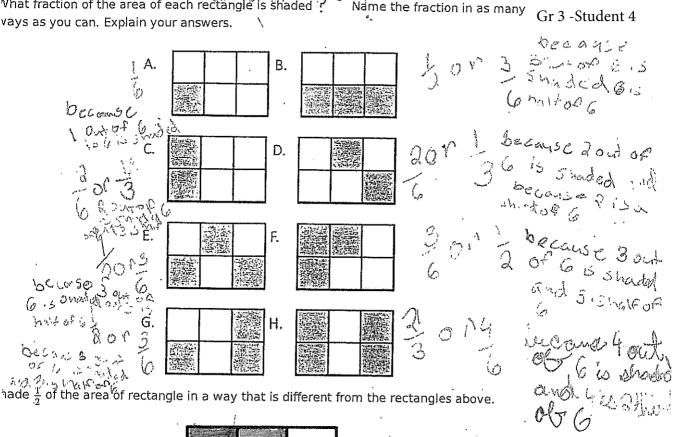


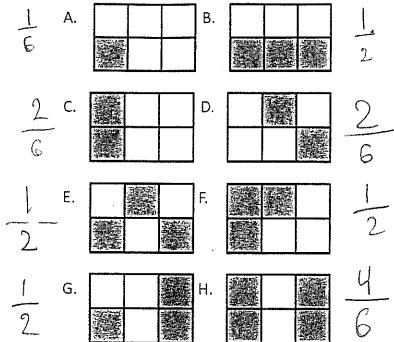
A. 1/6 В. D. E. F. G. Η.

Gr 3 - Student 2

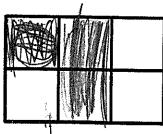




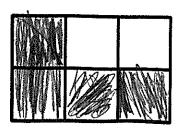
a. A small square is a square unic. w	iac is the orea of any Langle?	Explain. 4th f	
3×2 You will bet the area if you?	6	$\begin{array}{ccc} & & Gr & 4 \\ \times & & Student & 1 \\ & & Gr & 1 & 1 \end{array}$	
multflie 2 ont2 b. What fraction of the area of each r	ectangle is shaded blue? Name t	D W 1 1 he fraction in as many	Get Perin
ways as you can. Explain your ans	wers.	1	ie inex

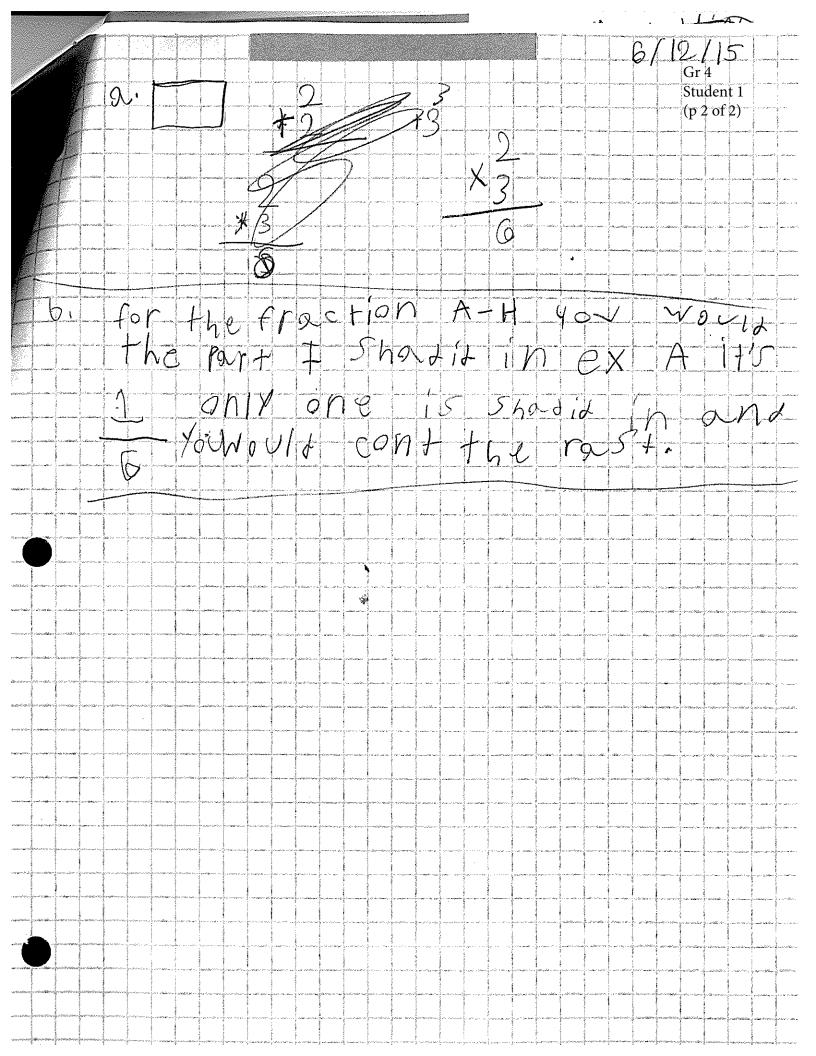


c. Shade $\frac{1}{2}$ of the area of rectangle in a way that is different from the rectangles above.



d. Shade $\frac{2}{3}$ of the area of the rectangle in a way that is different from the rectangles above.





B: Z, 4, 6

B: Z, 4, 6

With models for each

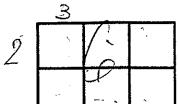
Philipped History

Ci. 3, 6, 9

The models for each

I know these fractions are equivalent because the shaded poets area for each equivalent fraction is the same (amount).

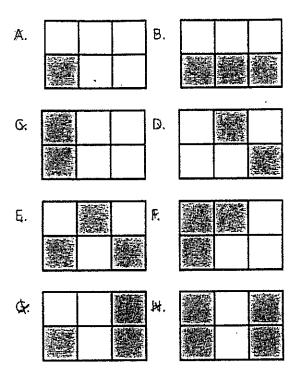
> wooleds demonstrate understands of comparison of equivalent wholes. Clearly lakeled models



Gr 4-Student 3 (1 of 2)



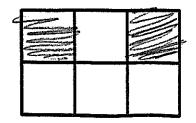
b. What fraction of the area of each rectangle is shaded blue? Name the fraction in as many ways as you can. Explain your answers.



c. Shade $\frac{1}{2}$ of the area of rectangle in a way that is different from the rectangles above.



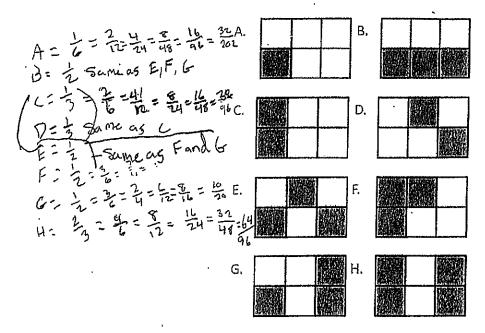
d. Shade $\frac{2}{3}$ of the area of the rectangle in a way that is different from the rectangles above.



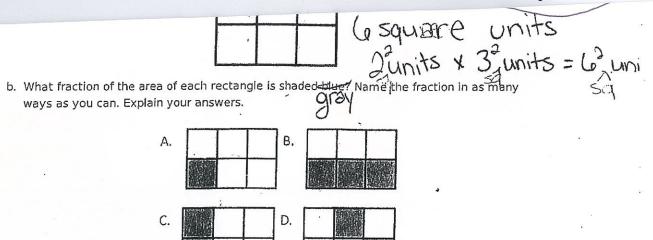
Student 3 2x3=6. The formula for area is Lx W=A A 6 12 2946 96 92384 768 1536 the fraction smaller but thall of the Fractions Hister above are equal of 11 12 13 14 15 16 14 16 18 20 22 24 26 28 85 32 34 I can keep going but that would take a while.) of these fractions Pare equal because they are halves C 3 6 72 24 43 9 6 74 8 9 10 01 Stresse are egyal, and they all can be reduced to 3 of 5 Cevept for the 13) and combe reduced to 1 (exerpt for the 1). 18 all of the fractions are halves. 15 all of the fractions are equal because they are halves 1/14 8 16328/128 all of these factions are equal because if reduced, all can come to

a. A small square is a square unit.	what is the area of this re-	L'units x 3 uni	te= 6=
multiply length × width.		6 sq. units	12 - 13 59,
Igot 62 miles		ı	

b. What fraction of the area of each rectangle is shaded blue? Name the fraction in as many ways as you can. Explain your answers.



I got all the equivilent fractions because I multiplied all the fractions by \(\frac{2}{2} \) . To get my first solution by taking the one unit which was 6 boxes and counted all the colored bares to get to which means low of 6 pieces. Then I multiplyed that by \(\frac{2}{2} \),



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	CONTRACTOR OF THE PARTY OF THE	200	100000

Page 3

a. A small square is a square unit. What is the area of this rectangle? Explain. Gr 5- Studen	nt 3
Ais solid and into Co. II	
Rectangle is 6 square a square a square	is
because I know this	•
the rectarale	
 b. What fraction of the area of each rectangle is shaded blue? Name the fraction in as many ways as you can. Explain your answers. 	
A. &, 12, 24, 18 A. B.	
B. $\frac{1}{2}$, $\frac{3}{6}$, $\frac{9}{18}$, $\frac{6}{12}$	
C = 2 4 6	•
D. 3, 6, 12, 18 C.	
D. & 18, 12	
E 2, 3 50 9 E. F.	
F. \(\frac{3}{6}\), \(\frac{1}{2}\), \(\frac{6}{100}\), \(\frac{4}{18}\)	
$G.\frac{1}{2},\frac{3}{6},\frac{50e}{1000},\frac{6}{12}$ G. H.	
H ₃ 6, 12, 18, 24	
I think	
1) For find the fraction of the shape, I looked at how many parts	
the rectangle was split into That would be the denominations;	
I looked at how many points was shaded and that	ol.
be the numerator(1) - To	20
would double the number of the earliverenty maction I	
would double the numerator and the explicement macron I	
the to multiply for a second of	
The way is to multiply by a form of one of the meter of the second of th	
3 is the a four of answer	
3 is the a form of one. When	
you multiply by 1, The value stays	
The same.	



EQUIVALENCY ARGUMENT

Find a fraction equivalent to 3/8. Use diagrams, equations, and mathematical principles to prove that the fractions are equivalent.

Make sure your argument includes a claim, evidence, warrants, reasoning and conclusion.

Claim. The answer is 6/16

Fridence.

3/9 = 4/16 Because

Warrent, The is the night answer be cause if you times it by you get when it is the same because the numerator and the denomosator we the is times by the same value. Any thing the times I is the same value. Conclusion this is equal to 31% because \frac{2}{3} is equal to 1 and anything times I is the same value so...

3 8 1 = 16

So this why & is equalent to 1/1

EQUIVALENCY ARGUMENT

Find a fraction equivalent to 3/8. Use diagrams, equations, and mathematical principles to prove that the fractions are equivalent.

Make sure your argument includes a claim, evidence, warrants, reasoning and conclusion.

I believe that there is a fraction equivelent to 3/8.

One possible equivelent fraction is 6/16. This is proven by the equation and diagram below.

Equation

Diagram

 $\frac{3}{8} \cdot \frac{2}{2} \cdot \frac{6}{16}$

This works because 2/2.
is equal to lor the giant 1. Also you are multiplying the numerator and denominator by the same thing.

3/8

So as you can see,

3/8 can easily be change to an equivient

Fraction.



EQUIVALENCY ARGUMENT

Find a fraction equivalent to 3/8. Use diagrams, equations, and mathematical principles to prove that the fractions are equivalent.

Make sure your argument includes a claim, evidence, warrants, reasoning and conclusion.

claim -
$$\frac{6}{16}$$
 it is just dubled

evidence - $\frac{3}{2}$ x $\frac{2}{3}$ = $\frac{6}{16}$

warants - $\frac{3}{2}$ x $\frac{3}{3}$ = $\frac{6}{16}$