

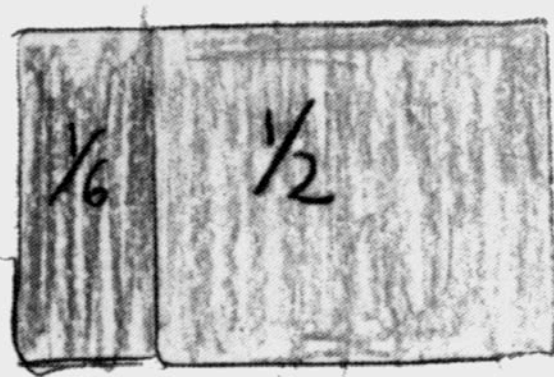
Samples of Student Work:

Fraction Addition/Subtraction

The samples of student work used in this document were taken from the book, *Constructing Ideas about Fractions: Grades 5-6* by Julie Pier Brodie (Creative Publications, 1995).

Student A

$$\frac{2}{3} = \frac{1}{2} + \frac{1}{6}$$



Student B

I was eating a pizza.
~~When I~~ I ate $\frac{1}{3}$ of the
pizza. My dog snuk up and
~~and~~ munched up $\frac{1}{6}$ of the
pizza! how much is left?

my solution ~~is~~ $\frac{1}{2}$. If I
ate $\frac{1}{3}$ and my dog ate $\frac{1}{6}$
it would be $\frac{1}{2}$ because
 $\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ equals $\frac{1}{2}$!



Student C

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$



If you take your pieces, $\frac{2}{3}$ and $\frac{1}{2}$, place $\frac{1}{2}$ on top of $\frac{2}{3}$. ~~The~~ The leftover place can fit $\frac{1}{6}$.

Student D

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

YOU can not subtract fractions if the bottom numbers are different.

YOU must make the bottom numbers the same before subtracting.

This is done by experimenting to see what number both go into. YOU must do this to break the fractions into even amounts