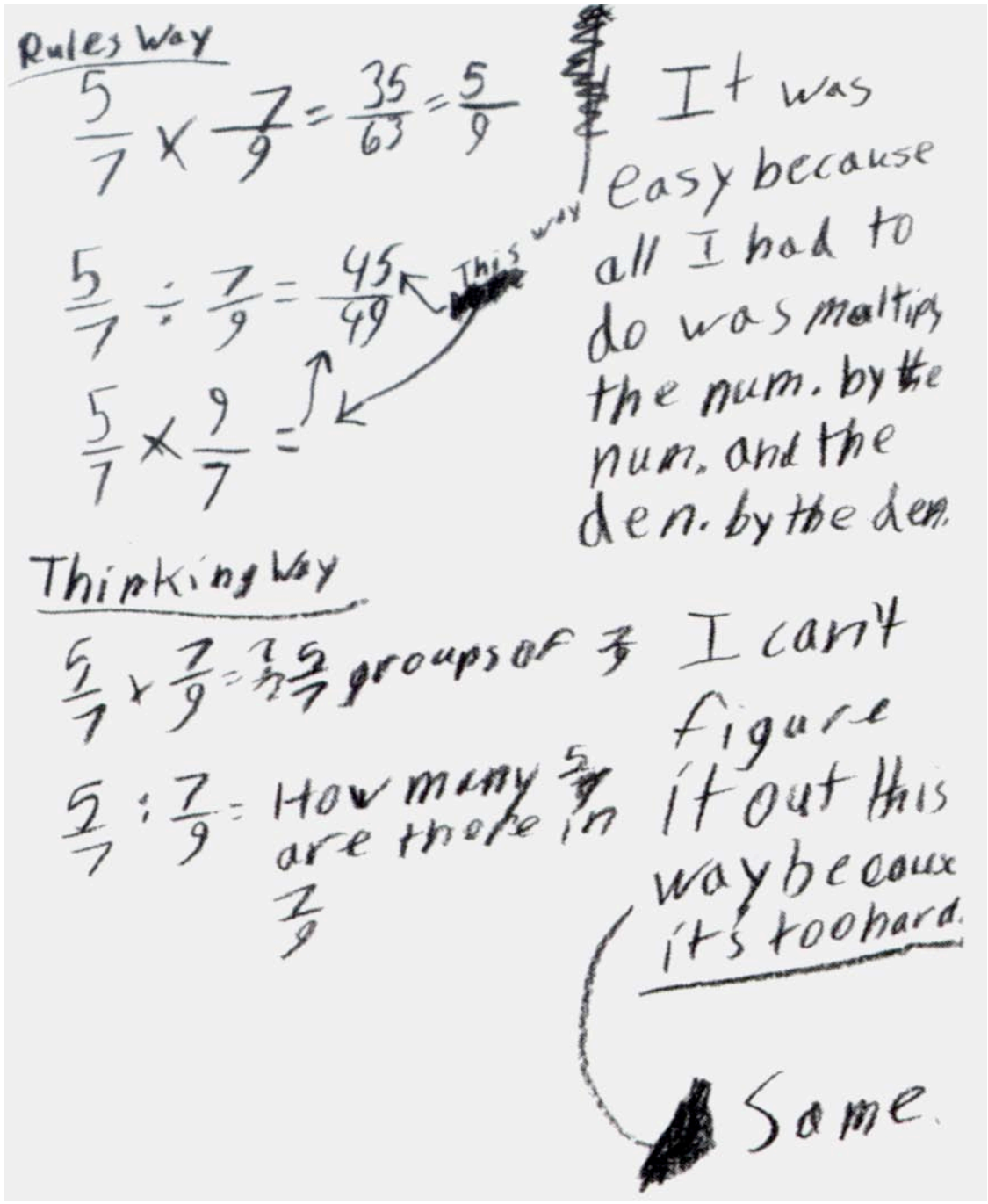
Samples of Student Work:

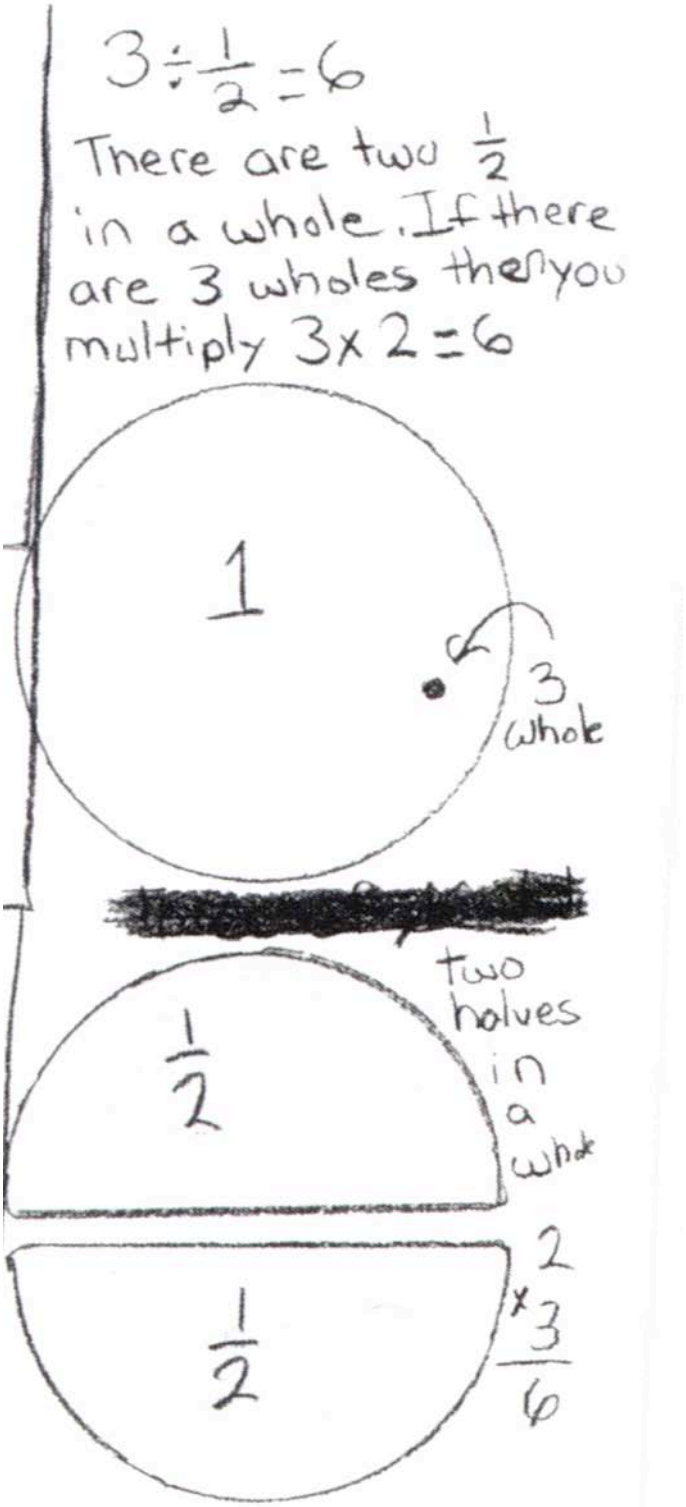
Fraction Division

The samples of student work used in this document were taken from the book, *Constructing Ideas about Fractions: Grades 3-6* by Julie Pier Brodie (Creative Publications, 1995).

Student A


Rules Way
5/7 x 7/9 = 35/63 = 5/9
5/7 ÷ 7/9 = 45/49
This way
5/7 x 9/7 =
It was easy because all I had to do was multiply the num. by the num. and the den. by the den.
Thinking Way
5/7 x 7/9 = 7 5/7 groups of 7/9
5/7 ÷ 7/9 = How many 5/7 are there in 7/9
I can't figure it out this way because it's too hard.
Same.

Student B


3 ÷ 1/2 = 6
There are two 1/2 in a whole. If there are 3 wholes then you multiply 3 x 2 = 6
1
3 whole
two halves in a whole
1/2
1/2
2
x 3
6