

4. How many persons live in the Eighths house? How many live in the Sixths house?
5. Encourage the children to make up puppet plays that show how many  $\frac{1}{2}$  of the "Eights" family might be. What would  $\frac{1}{3}$  of the "Sixths" family consist of? Who lives in the "Ones" family?

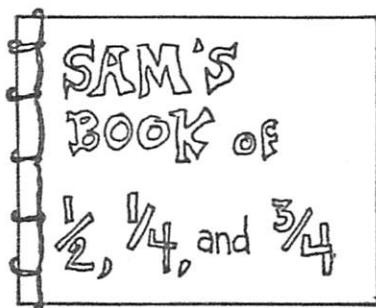
### FRACTION BOOKS

#### Instructions to the Teacher:

The children will be able to identify simple fractions and will be able to add and subtract these fractions.

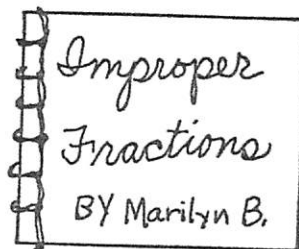
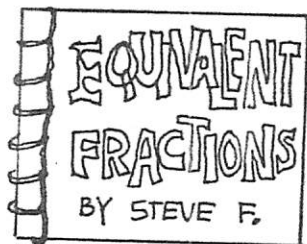
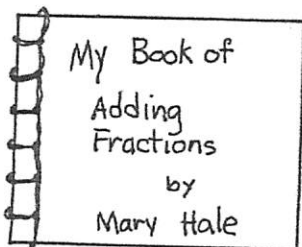
The following activities may be adjusted to the level at which the children are presently working. Choose one or many of the following art activities for the children to participate in so they can make a Fraction Book. Each book may have a variety of art activities or it may be a repetition of a few art activities. When the children feel the book is completed and you feel the individual child has worked out areas of problem solving in which the child is weak, staple the entire book together.

Help the children to decide on the type of Fraction Book they will produce. If the child is weak in identifying simple fractions such as  $\frac{1}{2}$ ,  $\frac{1}{4}$ , or  $\frac{3}{4}$ , have the child work on activities that center around this objective. Encourage the children to reproduce as many visual representations of simple fractions as is possible. An individual child's book may be titled *My Book of Simple Fractions* or as shown:



If a child is weak in equivalent fractions, focus all of the activities on solving this problem. The child's book title will then become *My Book of Equivalents of  $\frac{1}{2}$* .

It is important to help children sequence their creative activities from simple to more difficult representations of fractions. Make sure each page is labeled with the fraction sentence that describes the fraction problem with which the individual child is involved.



Feel free to examine some of the activities in the multiplication section of this book. Many of these activities may be used to reinforce work with fractions by changing the objective of the problem and adjusting the activity to meet the children's needs.

Bind the fraction books by using the Japanese Binding Method described in the Appendix.

### PAPER SCRIPT DESIGNS

**Materials:** Scissors  
Crayons  
Newsprint  
Construction paper

**Procedure:**

1. Fold some newsprint in half.
2. Have the children write a word or their name in script with a crayon along the creased edge. *The crayon will ensure enough thickness of line to permit the cutting of the letters on both sides.*
3. Cut on both sides of the crayoned line, making sure each letter is held together by the fold.
4. Paste the letters that have been cut out on contrasting colored paper. (Note: A word containing a letter that extends below the line, such as f, g, j, p, q, or y, must be written above the fold so only the extension of that letter reaches the fold.)

