

A CITY MATH BOOK: CHICAGO FRACTIONS

CCSS Math Practice Standard 6. Attend to precision.

Task: Communicate the meaning of fractions with examples.

This outline can be adapted to create a Chicago math textbook written by students at any age. To increase the level of complexity, incorporate different kinds of fractions, relate fractions to percentages and decimals, and use other computations such as the subtraction, multiplication, and division of fractions.

<p>COVER:</p> <p style="text-align: center;">A City Math Book:</p> <p style="text-align: center;">CHICAGO FRACTIONS</p> <p style="text-align: center;">by _____</p> <p><i>Picture showing a way people use fractions in Chicago such as a "Half Price Sale" sign.</i></p>	<p>Page 1</p> <p>What is a fraction?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>In this book, I will tell about ways people use fractions to solve problems.</p>
<p style="text-align: right;">Page 2</p> <p>A fraction is a part of a whole. This is how you know when you see a fraction.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>This picture shows an example of a fraction that is one-half of a whole. It shows something that people eat in Chicago.</p>	<p>Page 3</p> <p>One-fourth is one quarter of a whole.</p> <p>This is an example of one-fourth of a dollar.</p> <p>\$.</p> <hr/> <p>This is a picture of one thing you can buy for one fourth of a dollar.</p>

Page 4

This picture shows another example of one-fourth. This time it is a picture of one-fourth of an hour.

This is a task I can finish in one-fourth of an hour.

Page 5

You can add two fractions.
Here is what you do to add them.

First _____

Then _____

Then, _____

This picture shows an example of adding $\frac{1}{2}$ plus $\frac{1}{2}$ of something people like to eat in Chicago.

Page 6

Here are more examples of Chicago fractions you can add.

Page 7

Put your own example here.
Show a Chicago fraction you like.