

# Exploring Fractions

Use with Math by Myself

<b>Concept</b>	Develop an understanding of fractions as numbers.
<b>Materials Needed</b>	<p>Each student will need the following:</p> <ul style="list-style-type: none"> <li>• 1 or 2 dice (6 or more sided)</li> <li>• Record Sheet</li> <li>• Pencil</li> </ul>
<b>Directions</b>	<p>Students roll one or two dice and use the smallest one as the numerator and the largest one as the denominator on their fraction template. Then they follow the directions on the sheet.</p> <ol style="list-style-type: none"> <li>1. Write the whole number as a fraction.</li> <li>2. Write down the different ways to express the constructed fraction.</li> <li>3. Write equivalent fractions (optional).</li> <li>4. Plot the fraction on a number line.</li> <li>5. Illustrate the fraction as part of a whole.</li> <li>6. Illustrate the fraction as part of a group.</li> <li>7. Use the back of the sheet to write a number story that goes along with the fraction.</li> </ol>
<b>Differentiate</b>	<p>Students can explore whole numbers in fractions by placing the larger number as the numerator and the smaller number as the denominator.</p> <p>Students can increase difficulty by rolling to get two double-digit numbers.</p> <p>On the back of the sheet, they can write a number story that goes along with the fraction.</p>