



Related Activities to Try at Home (page 1 of 2)

Dear Family,

The activities below are related to the mathematics in the fractions unit *Finding Fair Shares*. You can use the activities to enrich your child's mathematical learning experience.

Fractions Every Day Take advantage of any natural opportunities to use fractions as they arise. You and your child can share and compare strategies for solving problems such as these:

If you cut a whole pizza into 6 equal slices and ate 3 of the slices, what fraction of the pizza did you eat?

If you want to share 10 cookies among four people, how can you share them equally? How much does each person get?

The gas tank in our car holds 12 gallons, but right now it is only one fourth full. How many gallons of gas do we need to buy to fill up the tank?

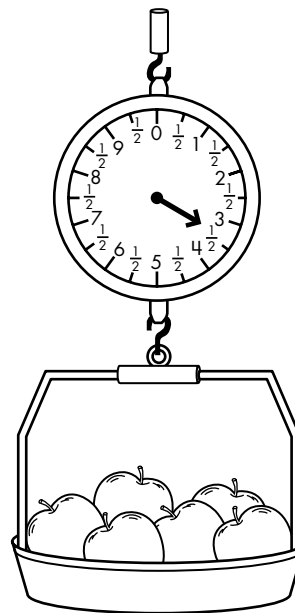
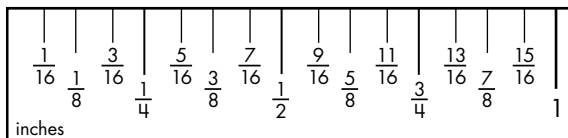
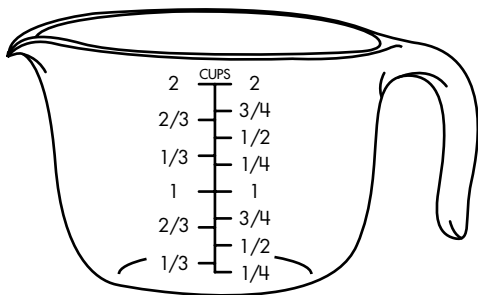
Making a Whole In class, your child will be figuring out ways to combine fractions to make a whole, such as $\frac{1}{4} + \frac{3}{4} = 1$. You might build on this while cooking. If a recipe calls for one cup (or one-half cup) of an ingredient, pretend that the measuring cup that holds that amount is missing or broken. Ask your child how else you could measure that amount. What other cups might be combined (for example, $\frac{1}{2} + \frac{1}{4} + \frac{1}{4} = 1$, or $\frac{1}{2} + \frac{1}{2} = 1$)? You might check the prediction by pouring those amounts into the one-cup measure to see whether they fill the cup exactly.

(continued)



Related Activities to Try at Home (page 2 of 2)

Fraction and Decimal Scavenger Hunt In class, your child has been exploring fractions and fair shares. To build on this work, you and your child might investigate where and when you use fractions (or decimal numbers) in your home. You might have a Scavenger Hunt to locate fractions on such things as measuring cups, tools, food packages, in newspapers, and so on.



Math and Literature Here are some suggestions of children's books that contain relevant mathematical ideas about fractions. Look for these books at your local library.

Hutchins, Pat. *The Doorbell Rang*.

Leedy, Loren. *Fraction Action*.

McMillan, Bruce. *Eating Fractions*.

