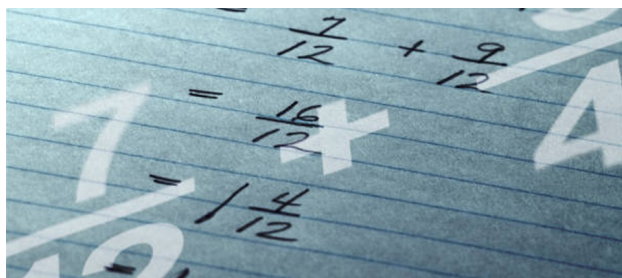


2nd Grade Lesson Plan: Action Fractions



ACTION FRACTIONS
The parts of the whole

Overview

This series of lessons was designed to meet the needs of gifted children for extension beyond the standard curriculum with the greatest ease of use for the educator. The lessons may be given to the students for individual self-guided work, or they may be taught in a classroom or a home-school setting. This particular lesson plan is primarily effective in a classroom setting. Assessment strategies and rubrics are included. The lessons were developed by Lisa Van Gemert, M.Ed.T., the Mensa Foundation's Gifted Children Specialist.

Introduction

Fractions can be intimidating when taught with numbers and lines alone, but when combined with familiar ideas, even very young children can grasp the concept of pieces of things. This lesson will guide children through the basics of fractions.

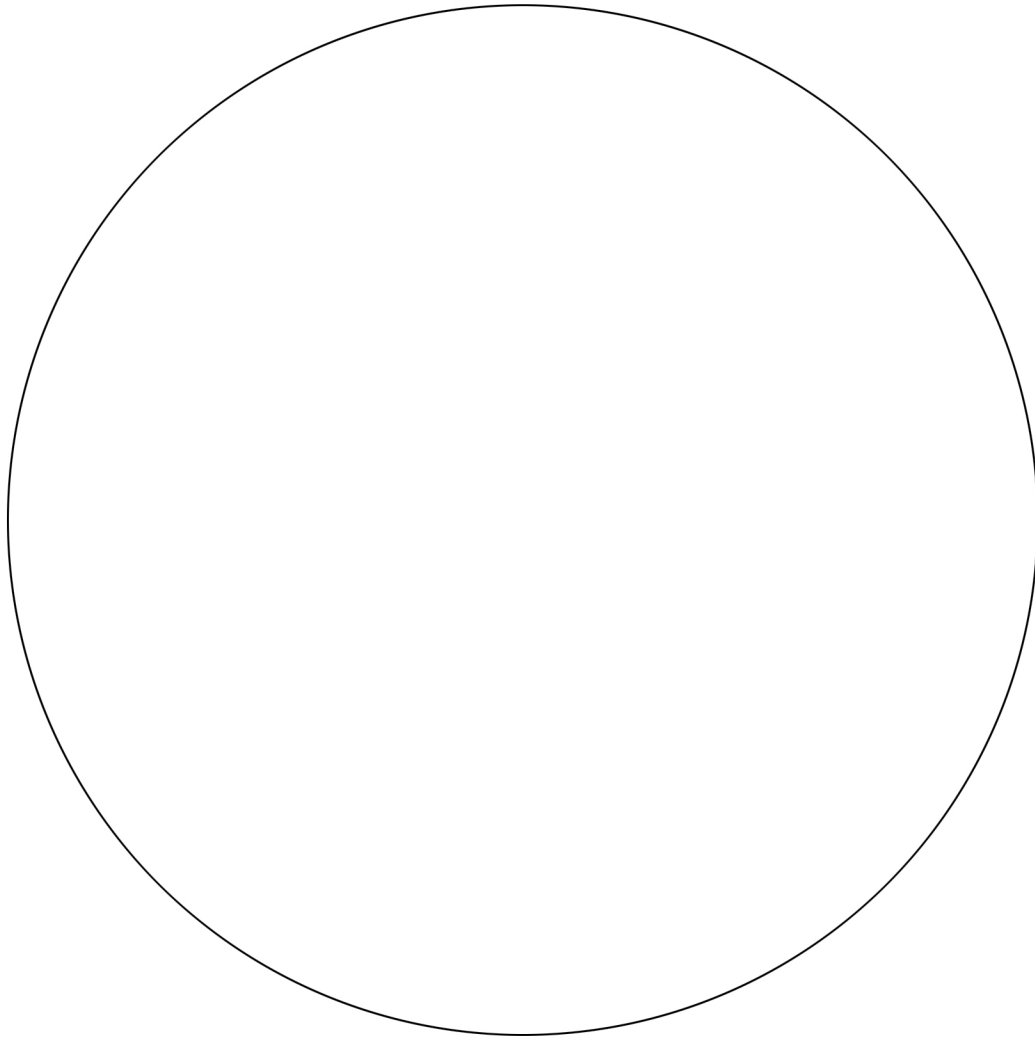
Learning Objectives

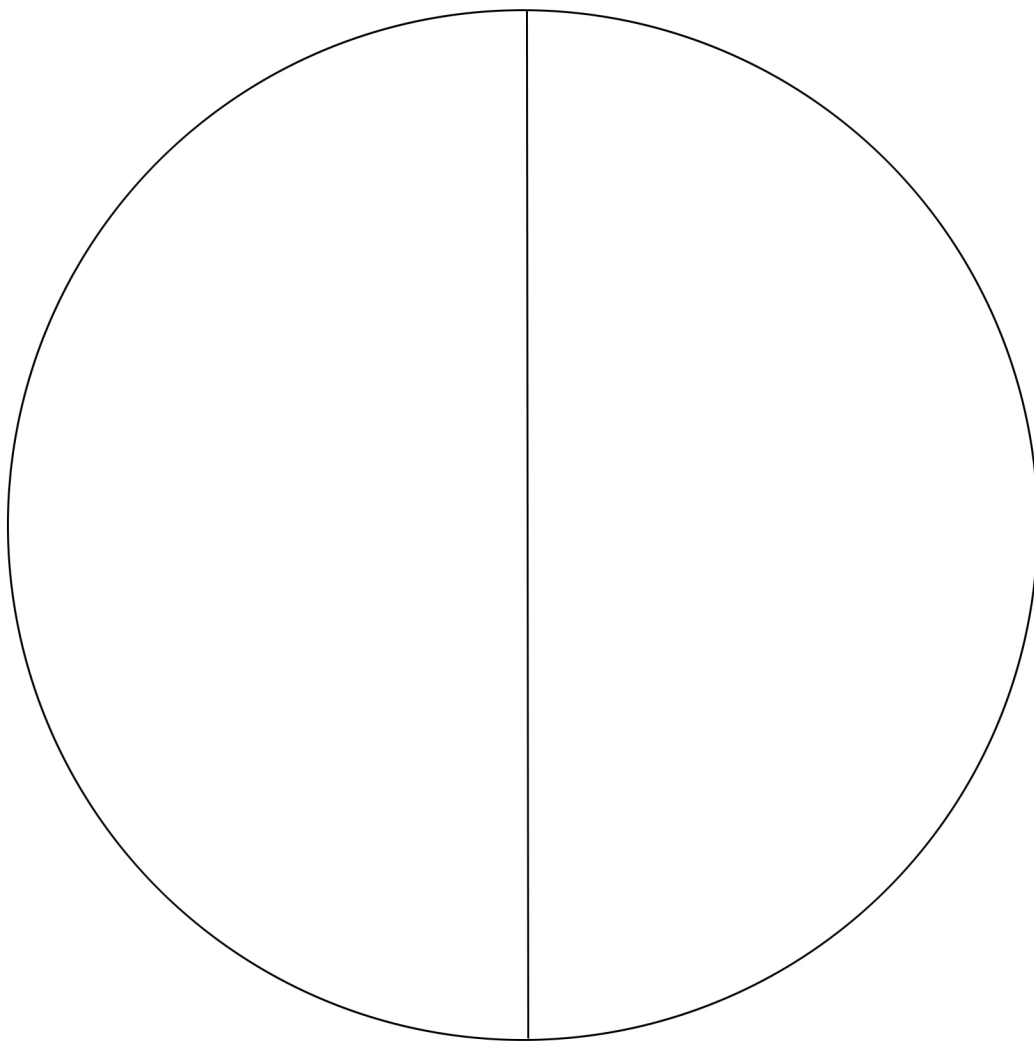
After completing the lessons in this unit, students will be able to:

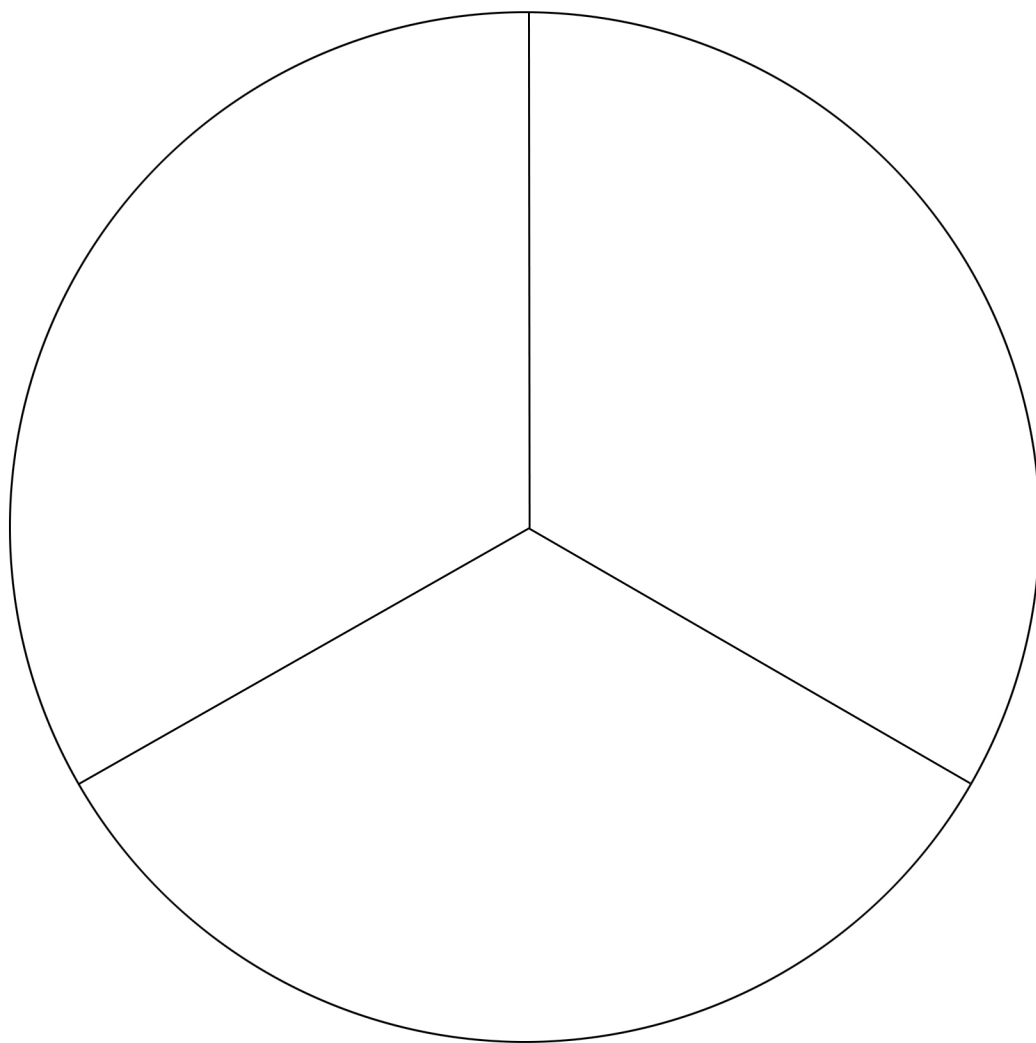
- Define a fraction.
- Determine equivalent fractions.
- Add simple fractions using manipulatives.

Preparation

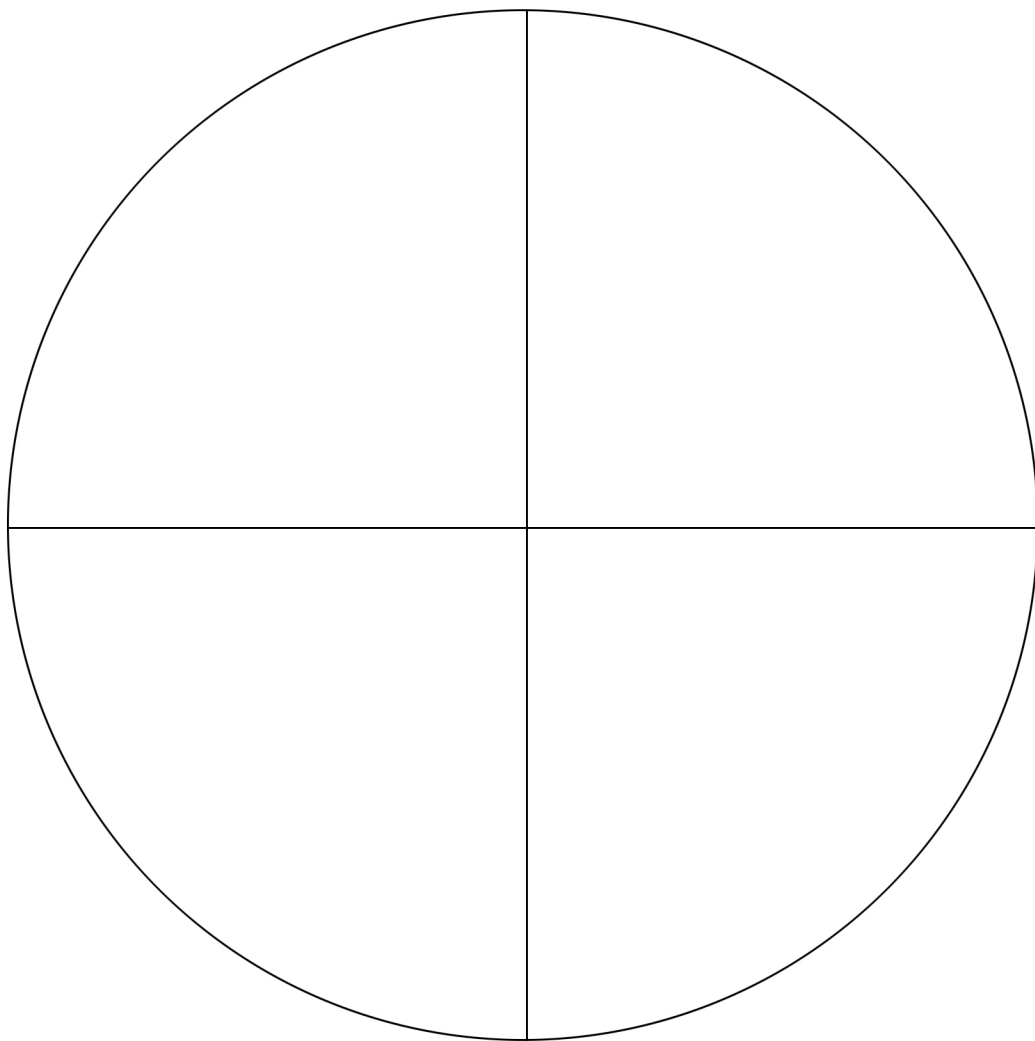
- Print the booklet, cut the pages in half, organize the pages to your preference (single or double-facing), and staple on the side to make a "book."
- Gather the ingredients and utensils for making cookies as referenced in the booklet.
- Create a fraction kit (use felt or even construction paper) using the templates on the following pages.
 - ▶ Cut one blue circle.
 - ▶ Cut two $\frac{1}{2}$ circle pieces of red.
 - ▶ Cut three $\frac{1}{3}$ circle pieces of yellow.
 - ▶ Cut four $\frac{1}{4}$ circle pieces of green.







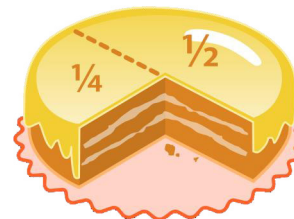
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Extension

Books:

- *Apple Fractions* by Jerry Palotta
- *The Hershey's Milk Chocolate Bar Fractions Book* by Jerry Palotta
- *Give Me Half!* by Stuart J. Murphy



Websites:

- Fraction bingo: go.hrw.com/resources/go_msm/course1/mathables/c1ch5.pdf
- Pizza fraction game: learningresources.com/product/parents/shop+by+subject/pizza+fraction+fun--8482--jr.do

Assessment

SKILL	MASTERY	BASIC UNDERSTANDING	EMERGING
Defines fractions			
Determines equivalent fractions using manipulatives			
Uses fractions to prepare cookie recipe			
Can add simple fractions using manipulatives			