

Food Fractions

Summary

This is a math task. It relates to Standard 1.G.3 in the 2010 Utah Core Standards.

Main Core Tie

Mathematics Grade 1

[Strand: GEOMETRY \(1.G.\) Standard 1.G.3](#)

Materials

Task Sheet TTLP Sheet for Lesson Plan

Background for Teachers

See TTLP and Curriculum Guide 1.G.3

Student Prior Knowledge

See Critical Background Knowledge in the Curriculum Guide for 1.G.3.

Intended Learning Outcomes

Mathematical Practices 2, 4, and 7 are likely to be used in this task.

Instructional Procedures

LAUNCH: A bakery has cakes shaped as rectangles and pies shaped as circles. Show the different ways to cut the desserts into equal parts.

EXPLORE: Hand out outlines of cakes and pies. Have students demonstrate ways to cut their cakes and pies into equal parts.

DISCUSS:

What makes that equal?

If I chose one of those pieces, would you care which piece I took?

Are there any other ways to divide this shape equally?

ADDITIONAL TASK: People coming into the bakery can order a piece of dessert. They can order halves, fourths, or quarters of the dessert. Show the different ways the desserts can be divided.

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