

Area – Nutrition and Wellness

Problem – Recipe Conversion - Decreasing

Standards

SD FACS Standards

FCS 6.3.4

Select, store, prepare, and serve nutritious and aesthetically pleasing foods that meet health and wellness needs of family members based on available resources.

SD Mathematics Standards

Math 7.N.2.1

Students are able to add, subtract, multiply, and divide integers and positive fractions.

Problem

The Nutrition and Wellness class was studying cereal products. Group 1 was assigned to use cornstarch as a thickener. They found a recipe for canned apple pie filling on the Internet, it was enough to make 6 quarts of pie filling. They only needed enough to make one pie. They talked to the teacher and they decided they only needed $\frac{1}{4}$ of the recipe. Decrease the recipe, to represent $\frac{1}{4}$. Show your work.

What will you need?

Pencil

Paper

Magnet with measurement equivalents

Recipe (see site address below)

How will you be evaluated?

Apple Pie Filling Answer Key

Supplemental materials

Resources

http://www.recipeink.com/cgi/msgbrd/msg_script.pl?pringer=1&board=20&thread=3306