

Bits and Pieces II Overview

Investigation One - Estimating with Fractions

N.FL.06.10a/b/c/d

Add, Subtract, Multiply, and Divide positive rational numbers fluently

N.FL.06.14

For applied situations, estimate the answers to calculations involving operations with rational numbers

N.ME.06.18

Understand that rational numbers are quotients of integers (non zero denominators), e.g. a rational number is either a fraction or a negative fraction

N.ME.06.05

Order rational numbers and place them on the number line

N.ME.06.07

Understand that a fraction or a negative fraction is a quotient of two integers

N.ME.06.11

Find equivalent ratios by scaling up or scaling down

Investigation Two - Adding and Subtracting Fractions

N.FL.06.10a/b/c/d

Add, Subtract, Multiply, and Divide positive rational numbers fluently

N.FL.06.14

For applied situations, estimate the answers to calculations involving operations with rational numbers

N.ME.06.18

Understand that rational numbers are quotients of integers (non zero denominators), e.g. a rational number is either a fraction or a negative fraction

Investigation Three - Multiplying with Fractions

N.FL.06.10a/b/c/d

Add, Subtract, Multiply, and Divide positive rational numbers fluently

N.FL.06.14

For applied situations, estimate the answers to calculations involving operations with rational numbers

N.ME.06.18

Understand that rational numbers are quotients of integers (non zero denominators), e.g. a rational number is either a fraction or a negative fraction

N.FL.06.04b

Multiply and divide any two mixed numbers fluently

Investigation Four - Dividing with Fractions

N.FL.06.10a/b/c/d

Add, Subtract, Multiply, and Divide positive rational numbers fluently

N.FL.06.14

For applied situations, estimate the answers to calculations involving operations with rational numbers

N.ME.06.18

Understand that rational numbers are quotients of integers (non zero denominators), e.g. a rational number is either a fraction or a negative fraction

N.FL.06.02

Given an applied situation involving dividing fractions, write a mathematical statement to represent the situation

N.FL.06.04a

Multiply and divide any two fractions fluently

N.MR.06.01

Understand division of fractions as the inverse of multiplication

N.MR.06.03

Solve for the unknown in equations such as $\frac{1}{4} \div ? = 1$ or $\frac{3}{4} \div ? = \frac{1}{4}$ or $\frac{1}{2} = 1 \bullet ?$

N.FL.06.04b

Multiply and divide any two mixed number fluently