



Mathematics

ISAT Goal: Estimation and Computation

Subskill: Fractions

RIT 261-270:

- Multiply a mixed number by a whole number, fraction, or mixed number

RIT 261-270:

- Add and subtract rational numbers with unlike denominators (may involve integers)

RIT 251-260:

- No skills listed

RIT 241-250:

- Multiply a whole number by a fraction

RIT 231-240:

- Add fractions having unlike denominators with answer reduced to lowest terms; Subtract fractions having unlike denominators with answer reduced to lowest terms; Add and subtract mixed numbers with like denominators with regrouping; Add and subtract mixed numbers with unlike denominators with regrouping; Add and subtract whole numbers, fractions, and mixed numbers; Multiply a fraction by a fraction; answer in lowest terms; Multiply mixed numbers; Divide a fraction by a fraction; Divide a mixed number by a whole number or a fraction; Multiply three factors using fractions, mixed numbers, and whole numbers in any combination, answer in lowest terms; Divide a whole number, fraction, or mixed number by a mixed number

Student List:

RIT 221-230:

- Add and subtract fractions with like denominators; change improper fractions to mixed numbers; Subtract fractions having unlike denominators, answer in lowest terms; Add and subtract whole numbers, fractions and mixed numbers; Use estimation to solve problems involving mixed numbers; Divide a whole number, fraction or mixed number by a mixed number

Student List:

RIT 211-220:

- Add fractions with like denominators, answer in lowest terms; Add mixed numbers with unlike denominators with regrouping; Multiply a whole number by a fraction; Divide a fraction by a fraction; Divide a mixed number by a whole number or a fraction

RIT 201-210:

- Add mixed numbers with like denominators with regrouping; Subtract mixed numbers with like denominators with regrouping; Subtract mixed numbers with unlike denominators with regrouping; Multiply a fraction by a fraction; answer in lowest terms; Multiply mixed numbers

Student List:

RIT 191-200:

- Express 1 in many different ways ($\frac{1}{1}$, $\frac{2}{2}$, $\frac{4}{4}$); Subtract fractions with like denominators; Add fractions having unlike denominators, answer in lowest terms

RIT 181-190:

- Subtract mixed numbers with like denominators with regrouping

RIT 171-180:

- Add fractions with like denominators

RIT 170-Below:

- No skills listed