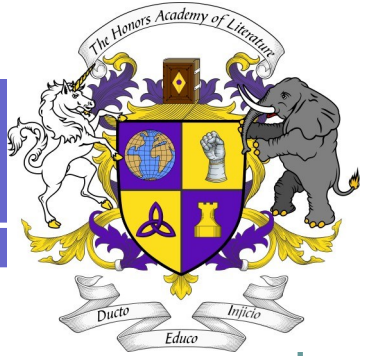


MS. DORA— MATH/SCIENCE



THE HONORS ACADEMY OF LITERATURE

Common Core State Standards

- CCSS.Math.Content.6.NS.A.1** Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem. *For example, create a story context for $(2/3) \div (3/4)$ and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that $(2/3) \div (3/4) = 8/9$ because $3/4$ of $8/9$ is $2/3$. (In general, $(a/b) \div (c/d) = ad/bc$.) How much chocolate will each person get if 3 people share $1/2$ lb of chocolate equally? How many $3/4$ -cup servings are in $2/3$ of a cup of yogurt? How wide is a rectangular strip of land with length $3/4$ mi and area $1/2$ square mi?*

In-class Graded Assignments

- **Text 58-60**
- **Text 61-63**
- **Text 64-66**
- **Text 67-73**

Homework Graded Assignments

- **Exercise 3&4-52-55**
- **Exercise 5&6-56-59**
- **Exercise 7&8-60-63**
- **Exercise 9&10-64-67**

Objectives and Validation

- Objective:** Scholars will review comparing fractions and division of fractions
Measure: Results of group quick vote
- Objective:** Scholars will subtract and add unlike fractions
Measure: Completion of exercise and later test
- Objective:** Scholars will subtract and add fractions and mixed numbers
Measure: Completion of exercise and later test
- Objective:** Scholars will Multiply a fraction and a whole number
Measure: Completion of exercise and later test
- Objective:** Scholars will use fractions as a set
Measure: Completion of exercise and later test
- Objective:** Scholars will learn about Water Shed
Measure: Completion of activities and class discussion

Mini-Lesson Topics

Comparing Fractions
Factions and Division
Additions of Unlike Fractions
Subtraction of Unlike Fractions
Addition of Mixed Numbers
Subtraction of Mixed Numbers
Multiplying a Fraction and a Whole Number
Fraction as a Set
Water Shed

* See your child’s Developmental Education Plan for one-on-one and small group instruction