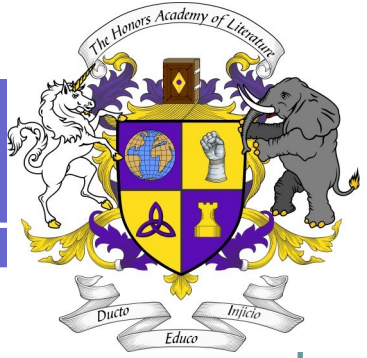


# MS. DORA– MATH/SCIENCE



## 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

- **Review**
- **Test**
- **Mimio Vote**
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### Homework Graded Assignments

- **Extra Credit / Extra Practice**

### 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 learn about Water Shed  
 Measure: Completion of activities and class discussion  
 Measure: Completion of exercise and later test

### 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
Review
Water Shed

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