Algebraic Reasoning

Unit 5, Bundle 2 Summative Assessment

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which of the following shows matrix *A* multiplied by a scalar of ? (AR.5C)
2. Which of the following scalars was matrix *K* multiplied by to create matrix *L*? (AR. 5C)
3. The matrix *M* shows the prices of regular and large sizes of French fries and sodas. What does represent? (AR.5C)
   1. represents the final price with a 70% discount and a 7.5% sales tax.
   2. represent the final price with a 7.5% discount and 7% sales tax.
   3. represents the final price with a 30% discount and a 7.5% sales tax.
   4. represents the final price with a 75¢ upcharge and a 70% sales tax.