

**Pre-Algebra Homework 1 Quiz** First Name \_\_\_\_\_ Last \_\_\_\_\_

1. Write the decimals that go with the following words:  
sixteen thousandths                      eight and four hundredths
  
2. Find the mean of Mark's test scores: 82, 82, 74, 93, 84
  
  
  
  
  
  
  
  
  
  
3. At the farmers' market, two pounds of tomatoes cost \$4.10. How much will five pounds cost? Show your work, or explain your reasoning.
  
  
  
  
  
  
  
  
  
  
4. Julia is a baker who designs wedding cakes. Assume that each layer of the cake is 3 inches high as you help Julia answer the following questions.
  - a. How tall would a 21 layer cake be?
  
  
  
  
  
  
  
  
  
  
  - b. If Julia had to design the cake to be 42 inches tall, how many layers should the cake have?
  
  
  
  
  
  
  
  
  
  
5. a) Show your work:  $6492 \div 6$ .                      b) Use multiplication to check your answer.

**Answers on next page.**



## Pre-Algebra Homework 1 Quiz Answers

1. 0.016      8.04

2. 83

3. \$10.25

4. a) 63 in      b) 14 layers

5. a) 1082      b) 6492