

# **Portfolio Requirements Handout**

## **DIRECTIONS:**

The documents below are required for the portfolio. **These documents need to be in the designated order stated below to be used as the source of information on the Project Evaluation Scavenger Hunt.**

Optional: The cover sheets complete with symbols and/or graphics relative to the chosen occupations are an optional feature.

- 1 – Final Report**
- 2 – Original Math Problem**
- 3 – Ten Commandments of Math**
- 4 – Internet Research (Printed pages)**
- 5 – Copy of the Thank You Note (if applicable)**
- 6 – Reply Letter (if received)**
- 7 – Copy of Original Letter**
- 8 – The Eight Essential Steps to a Business Letter**
- 9 – Rough Drafts and Revisions**
- 10 – Student Daily Logs/Journals**
- 11 – General Approach to Problem Solving**
- 12 – Math Warm-Up Activity Sheets**
- 13 – Math Real World Problem Solving Practice Sheets**

Sorry, Honey! I shrunk you to  $\frac{1}{12}$  your size!



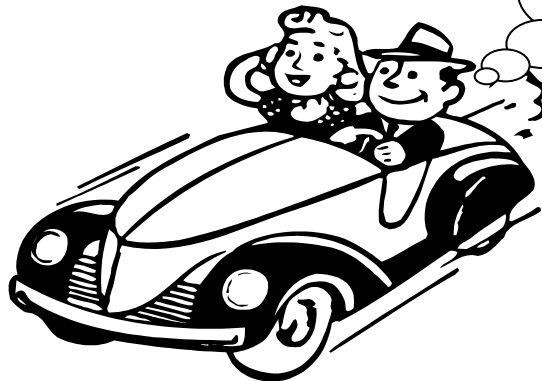
## Where were FRACTIONS used ?

- Interest rates
  - Buying an automobile
  - Buying a house
- Stock Market
- Advertising

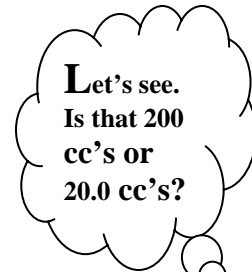
## What occupations connect to these areas ?

- Automobile Dealer
- Mortgage Broker
- Real Estate Agent
- Stock Broker
- Accountant
- Advertising Agent
- Business Owner

Hurray! Rates dropped! This was the deal of the century!



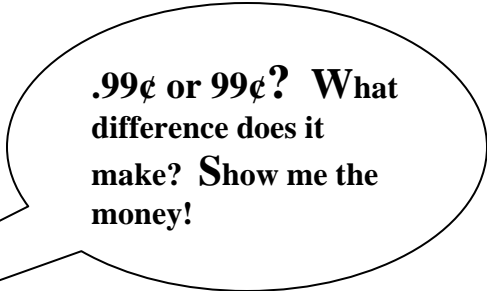
# Where were DECIMALS used ?



- Advertising
  - Restaurants
  - Fees
  - Interest Rates
  - Merchandise
- Writing Prescriptions
- Buying Building Materials
- Labor Costs
- Data Entry (Computers)

# What occupations connect to these areas ?

- Restaurant Owner
- Newspaper Editor
- Real Estate Agent
- Stock Broker
- Nurse
- Doctor
- Accountant



- Advertising Agent
- Business Owner
- Cashier

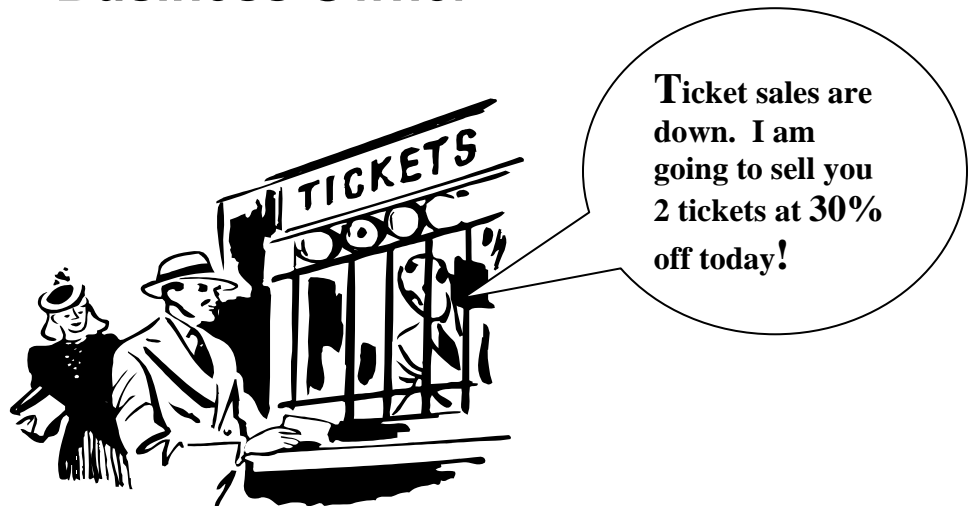


## Where were PERCENTS used ?

- Interest rates
  - Buying an automobile
  - Buying a house
- Data Entry (Computers)
- Stock Market
- Advertising

## What occupations connect to these areas ?

- Automobile Dealer
- Mortgage Broker
- Real Estate Agent
- Stock Broker
- Computer Operator
- Accountant
- Advertising Agent
- Business Owner



# Where was Scientific Notation used ?

- **Space Exploration**
  - Distance
  - Mileage
  - Mass & Weight
  - Speed
  - Cost
- **Measurement**
- **Research**
- **Chemistry**
- **Data Entry (Computers)**



# What occupations connect to these areas ?

- **Astronaut**
- **NASA Engineer**
- **Astronomer**
- **Scientist/Researcher**
- **Accountant**
- **Computer Operator**
- **Corporate Manager**
- **Business Owner**





Computer sales soared last year! Our company alone collected over  $\$3.5 \times 10^6$  in revenues!

## Checklist for Original Math Problem Peer Review:

(MA.A.1.4.2, MA.A.1.4.3, LA.B.1.4.3)

Student's Name: \_\_\_\_\_

Reviewer's Name: \_\_\_\_\_

	Criteria		
<b>Focus/Purpose</b>	Peer presents information in logical sequence which reader can follow.		
<b>Symbolic Representation</b>	Peer demonstrates understanding of content as related to the real world.		
<b>Concrete Representation</b>	Peer makes no numerical errors in problem set-up.		
<b>Understanding /Reasoning</b>	Peer's ability to demonstrate reasoning is of an exceptionally high standard. All work is shown and clearly defined.		
<b>Equivalency</b>	Peer demonstrates understanding of equivalent number forms within problem.		
<b>Accuracy</b>	Peer makes no errors in problem solution key.		
<b>Editing</b>	Writing contains no editing* errors.		

**\*Editing includes the following:**

- Correct spelling
- Correct punctuation – including commas, colons, and common uses of semicolons
- Correct capitalization
- Correct sentence formation
- Correct instances of possession

**Comments about editing errors:**