
Mathematics As A Liberal Art

Math 105 Spring 2024

BY 2024 Ron Buckmire

Fowler 309 MWF 3:00pm- 3:55pm

<http://sites.oxy.edu/ron/math/105/24/>

Class 1: Monday January 21

THE MATH SKILLS TEST

1. In a sale, a shop is selling all items at half price. Before the sale, a sofa costs \$300. How much will it cost in the sale?
2. If the chance of getting a disease is 10 per cent, how many people out of 1,000 would be expected to get the disease?
3. A second-hand car dealer is selling a car for \$6,000. This is two-thirds of what it cost new. How much did the car cost new?
4. If 5 people all have the winning numbers in the lottery and the prize is \$2 million, how much will each of them get?
5. Let's say you have \$200 in a savings account. The account earns 10 percent interest per year. How much will you have in the account at the end of two years?

Automathography

An **automathography** is a neologism which combines the words “math” and “autobiography.” It is your mathematical biography, that is the intersection of your life’s story with mathematics.

GROUPWORK

Share the outline of your automathography with members of the class in small groups of 3 or 4. Look for commonalities and differences.

ASSIGNMENT

The official automathography assignment is online. **Part 1 Due:** Before Class 3 (3pm on Friday January 26).

Available Online: <http://sites.oxy.edu/ron/math/105/24>