

Math 123-02  
Spring 2026  
Dr. Lily Yen

## Assignment 2

Show all your work

Name: \_\_\_\_\_  
Number: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Score: \_\_\_\_/10

**Problem 1:** Translate the following Babylonian numeral to Hindu-Arabic numeral.

\_\_\_\_\_

Score: \_\_\_\_/2

**Problem 2:** Write 9987 as a Kaktovik numeral.

Score: \_\_\_\_/2

**Problem 3:** Express the Hindu-Arabic numeral 2463 in Mayan numeral.

Score: \_\_\_\_/2

**Problem 4:** Multiply  $728 \times 395$  using the galley method.

$$\begin{array}{r} 7 \quad 2 \quad 8 \quad \times \\ \hline \end{array}$$

Score: \_\_\_\_/2

**Problem 5:** Fire Horse is arranging jelly beans on a table. When she lines them up 5 in a row, she has 3 left over. When she lines them up 7 in a row, she finds her last row short of 4 jelly beans to complete a row. If she has at least 60 jelly beans, find the smallest possible number of jelly beans she may have.

Score: \_\_\_\_/2