

Math 123
 Fall 2023
 Dr. Lily Yen

Assignment 2

Show all your work

Name: _____
 Number: _____
 Signature: _____
 Score: ___/14

Problem 1: Write 9678 as a Kaktovik numeral.

0	1	2	3	4	5	6	7	8	9
∞	\	v	∩	w	˘	∟	√	∩	∩
10	11	12	13	14	15	16	17	18	19
>	∟	∩	∩	∩	≈	∩	∩	∩	∩

Score: /2

Problem 2: Express the Hindu-Arabic numeral 447 in Mayan numeral.

0	1	2	3	4	5	6	7	8	9
	•	• •	• • •	• • • •	_____	_____•	_____• •	_____• • •	_____• • • •
10	11	12	13	14	15	16	17	18	19
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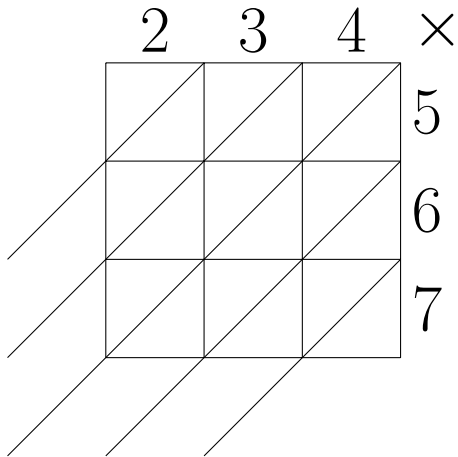
Score: /2

Problem 3: Write the Egyptian numeral using a Hindu-Arabic numeral.

1	10	100	1000	10 000	100 000	1 000 000
	∩	∩	∩	∩	∩	∩

Score: /2

Problem 4: Multiply 234×567 using the galley method.



Problem 5: Compute $2023321_5 - 340413_5$ using the two-line algorithm.

Score: /2

Problem 6: In the gardening club, Fire Horse was given a box of seedlings to plant. When she lined them up 5 in a row or 7 in a row, she had 3 left over in each case. If she lined them up 9 in a row, she had 1 left over. Find the second smallest number of seedlings that Fire Horse might have been given in her box of seedlings.

Score: /3

Score: /3