**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**Worksheet 4**

**Complete the following problems using your Notes on Numeration Systems. Show your work when necessary.**

1. Fill in the blank: Hindu Arabic is base \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Fill in the blank: Mayan is base \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Fill in the blank: Roman “M” equals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

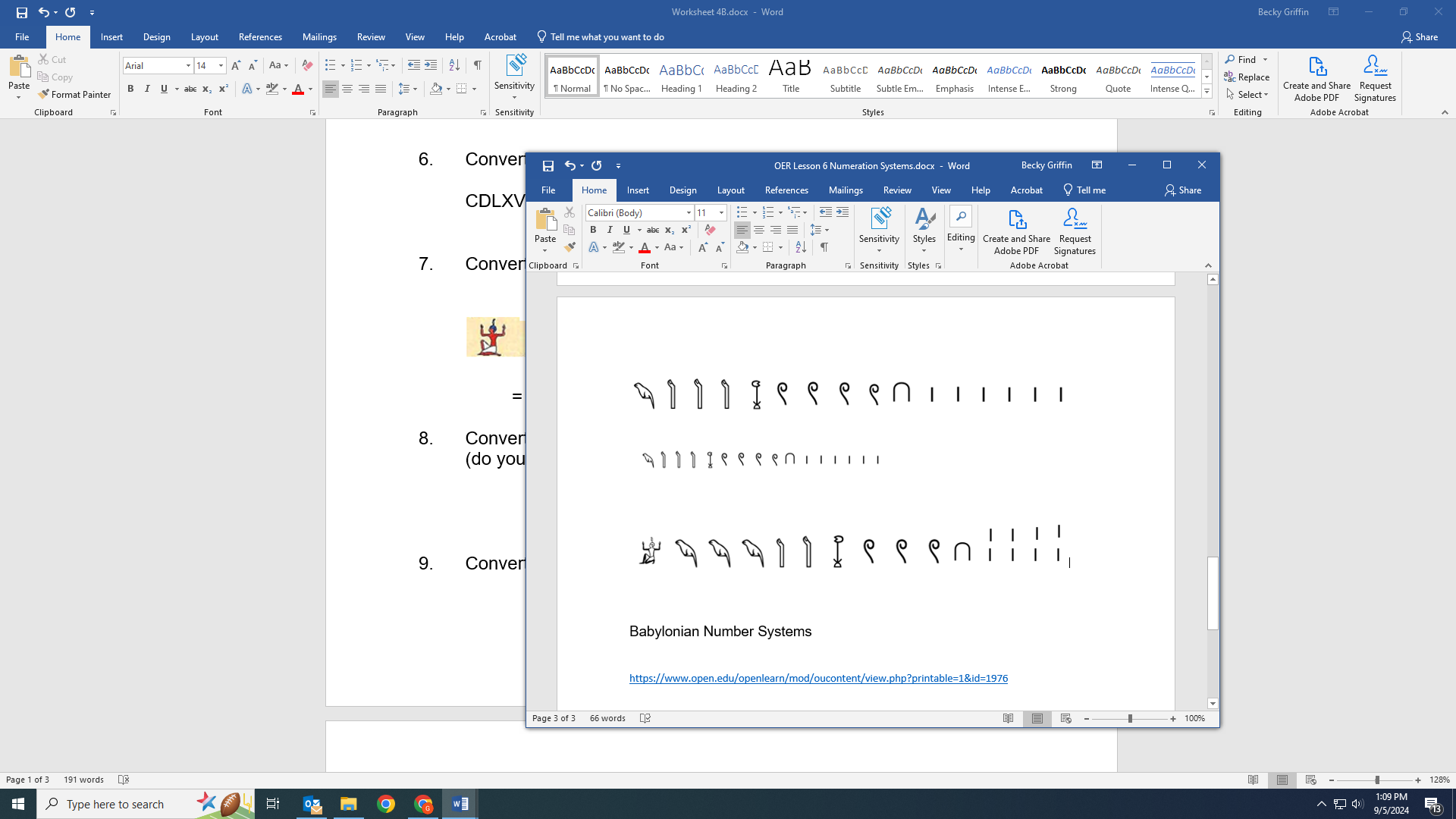
4. Fill in the blank: Egyptian “flower” equals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Fill in the blank: Babylonian is base \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Convert the Roman numeral to Hindu Arabic

CDLXVI = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Convert the Egyptian numeral to Hindu Arabic



= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. Convert the Hindu Arabic number to Egyptian: 50,304

(do your best drawing the symbols!)

9. Convert the Hindu Arabic number to Roman: 1965

10. Given 32,628,689 with digit “2” underlined.

1. Value of underlined digit: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Place Value of underlined digit: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Write this number in words:
4. Write this number in expanded notation with exponents:
5. Write this number in expanded notation without exponents:
6. Round this number to the hundred-thousands place:
7. Round this number to the thousands place:
8. Round this number to the millions place:
9. Round this number to the tens place: