

## Journal Entries

Respond to each item, giving sufficient detail. *Your journal entries should be a collection of your best work and should also be very helpful to you as you prepare for exams.*

### Unit II — Chapter 3

- 1-4. List at least 2 models (meanings) for addition, subtraction, multiplication, and division of whole numbers, along with an example to illustrate each of these two models for the operation.

| Addition       | Models | Example |
|----------------|--------|---------|
|                |        |         |
| Subtraction    | Models | Example |
|                |        |         |
| Multiplication | Models | Example |
|                |        |         |
| Division       | Models | Example |
|                |        |         |

5. List 3 addition methods, and give an example for each.

(1)

(2)

(3)

List 2 subtraction methods, and give an example for each.

(1)

(2)

6. List 3 multiplication methods, and give an example for each.

(1)

(2)

(3)

List 2 division methods, and give an example for each.

(1)

(2)

7. Give a bulleted list of features of each of the following Ancient numeration systems. Include base, symbols (both number and type), whether the system has a zero, place value, etc.

Egyptian:

Babylonian:

Mayan:

Roman:

Hindu-Arabic:

8. Complete the chart.

| <b>Hindu-Arabic</b> | <b>Babylonian</b> | <b>Egyptian</b> | <b>Mayan</b> | <b>Roman</b> | <b>Base Five</b> |
|---------------------|-------------------|-----------------|--------------|--------------|------------------|
| 0                   | -----             | -----           |              | -----        | 0                |
| 1                   |                   |                 |              |              |                  |
| 5                   |                   |                 |              |              |                  |
| 10                  |                   |                 |              |              | 20               |
| 100                 |                   |                 |              |              |                  |

9. Write a few sentences describing your favorite activity in class this unit.
10. Include self-assessment of your effort in this course for this unit (including time spent on homework, time spent in the AAC, office hour help, etc.). Also assess yourself on your level of understanding.

Provide feedback on how you feel the course/instruction/textbook could be improved in this unit.

**Do your best! Rise to the challenge! Live and learn!**