

OPERATIONS WITH DECIMALS

❖ **No Calculator.**

PART I. Write each of the following as a decimal number.

- 1) sixty-five hundredths
- 2) two hundred thirty-two ten thousandths
- 3) four and twelve thousandths
- 4) seventy-five and six hundred twenty-one thousandths
- 5) One thousand, one hundred eleven and one hundred eleven thousandths
- 6) eighty-three thousand, two hundred and six tenths

PART II. Write out the name of each number in words.

- 7) 0.3
- 8) 0.015
- 9) 12.45
- 10) 350.0005

PART III. Write each decimal as a fraction or mixed number. Reduce fractions to lowest terms.

- 11) 0.055
- 12) 362.78
- 13) 2.0002
- 14) 405.405

PART IV. Write each fraction or mixed number as a decimal.

- 15) $2\frac{4}{10}$
- 16) $\frac{12}{5}$
- 17) $13\frac{6}{1000}$
- 18) $5\frac{7}{8}$

PART V. Complete the table.

	Number	Round to the nearest			
		a) Whole Number	b) Tenth	c) Hundreth/Cent	d) Thousandth
19.	47.5479				
20.	100.9256				
21.	0.87143				
22.	129.8119				
23.	0.1562				
24.	278934.5333				
25.	71.0099				

PART VI. List the numbers that fit each description.

- 26) List all the two-digit numbers that round to 3.
- 27) List all the three-digit numbers that round to 2.5.