

1. Express as decimal numerals.

a. three thousandths	
b. thirty-four thousandths	
c. five hundred and seven hundredths	
d. $\frac{26}{1000}$	
e. $3\frac{94}{100}$	

2. Express each of the following values in words.

a. 0.006

b. 12.056

c. 205.68

3. Write the number in expanded form using fractions or decimals to express the decimal place value units.

a. 24.73

b. 0.239

4. Write a decimal for each of the following.

a. $7 \times 10 + 3 \times 1 + 6 \times \frac{1}{10} + 8 \times \frac{1}{100}$

b. $4 \times 100 + 2 \times 10 + 7 \times 0.1 + 9 \times 0.001$

5. Use $<$, $>$, $=$ to compare. Explain your thinking in the space to the right.

45.223 _____ 45.232

0.6 _____ 0.507

17.3 _____ 17.4

9.1 _____ 9.099

6. Arrange the numbers in increasing order.

3.059 3.069 3.06 3.05 _____

7. Mr. Jones wrote 4.619 on the board. Karlee says it is four and six hundred nineteen thousandths. Abby says it is 4 ones 6 tenths 1 hundredth 9 thousandths. Who is right? Use words and numbers to explain your answer.

8. Michael measured 0.485 liter of water. Angel measured 0.5 liter of water. Michael said, "My beaker has more water than yours because my number has three decimal places and yours only has one." Is Michael correct? Use words and numbers to explain your answer.