

Name \_\_\_\_\_

Date \_\_\_\_\_

## Decimals in Numeric, Word, and Expanded Form - Step-by-Step Lesson

Write this number in expanded form 561.56.

### Explanation:

Step 1) Expanded form is a way of writing a number that shows the sum of values of each digit of a number.

Step 2) The value of 5 is  $5 \times 100 = 500$

the value of 6 is  $6 \times 10 = 60$

the value of 1 is  $1 \times 1 = 1$

the value of 5 is  $5 \times \frac{1}{10} = \frac{5}{10} = .5$

the value of 6 is  $6 \times \frac{1}{100} = \frac{6}{100} = .06$

Therefore, the expanded form of the number 561.56 is

$5 \times 100 + 6 \times 10 + 1 \times 1 + 5 \times (1/10) + 6 \times (1/100)$ .

