

Name: Key  
5<sup>th</sup> Grade Notes 1.6 Place Value Through Thousandths p. 43

ones  
tenths  
hundredths  
thousandths

5.614

To write the value of a digit, write the number with zeros to fill in the other places.

Ex: Name the place value of the underlined digit: 5.614: .01 hundredths

To write a decimal in expanded form, write each number times the place value as a fraction.

Ex: .36  
 $(\underline{3} \times \frac{1}{10}) + (\underline{6} \times \frac{1}{100})$   
tenths hundredths

Ex: .247  
 $(\underline{2} \times \frac{1}{10}) + (\underline{4} \times \frac{1}{100}) + (\underline{7} \times \frac{1}{1,000})$

Ex: 13.79  
 $(\underline{1} \times 10) + (\underline{3} \times 1) + (\underline{7} \times \frac{1}{10}) + (\underline{9} \times \frac{1}{100})$

Ex: 5.614  
 $(\underline{5} \times 1) + (\underline{6} \times \frac{1}{10}) + (\underline{1} \times \frac{1}{100}) + (\underline{4} \times \frac{1}{1,000})$

To change from expanded to standard form, put each number in the place value listed.

Ex:  $(2 \times 10) + (6 \times 1) + (9 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (4 \times \frac{1}{1,000})$

2 in tens

6 in ones

fract. so  
you need  
dec. pt.;  
9 in tenths

1 in  
hundredths

4 in thousandths

26.914