Decimal Place Value to Thousandths

Name: _____

Grade 5 · Read and write decimals to thousandths in standard, expanded and word form

How it works

tens	ones		tenths	hundredths	thousandths
2	**7**	.	**4**	**5**	**8**
20	**7**		**0.4**	**0.05**	**0.008**

Read **27.458** as "twenty-seven and four hundred fifty-eight thousandths". Say "and" for the decimal point. Name the decimal part by its **last** place.

Expanded form: 27.458 = 20 + 7 + 0.4 + 0.05 + 0.008

A. Write the value of the underlined digit.

1. **4.<u>8</u>26** _____
2. **0.35<u>7</u>** _____
3. **12.0<u>9</u>4** _____
4. **<u>6</u>.513** _____
5. **0.<u>2</u>48** _____
6. **35.60<u>2</u>** _____
7. **9.4<u>7</u>1** _____
8. **<u>2</u>0.836** _____
9. **0.91<u>5</u>** _____

B. Write each number in standard form.

1. three hundred seven thousandths _____
2. five and forty-two hundredths _____
3. eighteen and six thousandths _____
4. fifty-nine thousandths _____
5. two hundred forty and seven tenths _____

C. Write each number in expanded form.

1. **6.283** _____
2. **0.745** _____
3. **31.069** _____
4. **8.502** _____

D. Write each number in word form.

1. **0.63** _____
2. **4.008** _____
3. **7.215** _____

Decimal Place Value to Thousandths (Answer Key)

Grade 5 · Read and write decimals to thousandths in standard, expanded and word form

How it works

tens	ones		tenths	hundredths	thousandths
2	**7**	.	**4**	**5**	**8**
20	**7**		**0.4**	**0.05**	**0.008**

Read **27.458** as "twenty-seven and four hundred fifty-eight thousandths". Say "and" for the decimal point. Name the decimal part by its **last** place.

Expanded form: 27.458 = 20 + 7 + 0.4 + 0.05 + 0.008

A. Write the value of the underlined digit.

1.	4.<u>8</u>26	0.8	2.	0.35<u>7</u>	0.007	3.	12.0<u>9</u>4	0.09
4.	<u>6</u>.513	6	5.	0.<u>2</u>48	0.2	6.	35.60<u>2</u>	0.002
7.	9.4<u>7</u>1	0.07	8.	<u>2</u>0.836	20	9.	0.91<u>5</u>	0.005

B. Write each number in standard form.

1. three hundred seven thousandths — **0.307**
2. five and forty-two hundredths — **5.42**
3. eighteen and six thousandths — **18.006**
4. fifty-nine thousandths — **0.059**
5. two hundred forty and seven tenths — **240.7**

C. Write each number in expanded form.

1. **6.283** — **6 + 0.2 + 0.08 + 0.003**
2. **0.745** — **0.7 + 0.04 + 0.005**
3. **31.069** — **30 + 1 + 0.06 + 0.009**
4. **8.502** — **8 + 0.5 + 0.002**

D. Write each number in word form.

1. **0.63** — **sixty-three hundredths**
2. **4.008** — **four and eight thousandths**
3. **7.215** — **seven and two hundred fifteen thousandths**