Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 4 of 10

Places after the decimal point: tenths, hundredths, thousandths. Example: 4.207 = 4 + 0.2 + 0.007 = four and two hundred seven thousandths.

Part A: Write each decimal in expanded form.

1. 2.901 = **2 + 0.9 + 0.001**
2. 52.032 = **50 + 2 + 0.03 + 0.002**
3. 56.903 = **50 + 6 + 0.9 + 0.003**
4. 46.308 = **40 + 6 + 0.3 + 0.008**
5. 21.046 = **20 + 1 + 0.04 + 0.006**

Part B: Write each number in standard form.

6. eight hundred forty-four thousandths = **0.844**
7. one hundred twenty and four hundred twelve thousandths = **120.412**
8. ten and four hundred fifty-six thousandths = **10.456**
9. five hundred fifty-two thousandths = **0.552**
10. one hundred three thousandths = **0.103**

Part C: Write each number in standard form.

11. 3 × 10 + 5 × 1 + 2 × (1/10) + 3 × (1/1000) = **35.203**
12. 8 × 10 + 6 × 1 + 5 × (1/100) + 6 × (1/1000) = **86.056**
13. 3 × 1 + 9 × (1/10) + 4 × (1/1000) = **3.904**
14. 1 × 10 + 4 × 1 + 9 × (1/10) + 1 × (1/1000) = **14.901**