Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 1 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. 10.029 = **10 + 0.02 + 0.009**
2. 81.029 = **80 + 1 + 0.02 + 0.009**
3. 39.028 = **30 + 9 + 0.02 + 0.008**
4. 12.029 = **10 + 2 + 0.02 + 0.009**
5. 43.202 = **40 + 3 + 0.2 + 0.002**

Part B: Write each number in standard form.

6. fourteen hundredths = **0.14**
7. twenty-three and seventeen hundredths = **23.17**
8. four hundred eighteen thousandths = **0.418**
9. one hundred twenty and twenty-seven hundredths = **120.27**
10. seventy-four thousandths = **0.074**

Part C: Write each number in standard form.

11. 5 × 10 + 8 × 1 + 3 × (1/100) + 8 × (1/1000) = **58.038**
12. 6 × 10 + 6 × 1 + 4 × (1/100) + 6 × (1/1000) = **66.046**
13. 3 × 10 + 7 × 1 + 3 × (1/100) + 9 × (1/1000) = **37.039**
14. 1 × 10 + 6 × 1 + 8 × (1/100) + 6 × (1/1000) = **16.086**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 2 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. 23.041 = **20 + 3 + 0.04 + 0.001**
2. 79.704 = **70 + 9 + 0.7 + 0.004**
3. 22.066 = **20 + 2 + 0.06 + 0.006**
4. 40.705 = **40 + 0.7 + 0.005**
5. 27.051 = **20 + 7 + 0.05 + 0.001**

Part B: Write each number in standard form.

6. two hundred fifty-nine thousandths = **0.259**
7. ninety-seven and seven hundred ninety-four thousandths = **97.794**
8. twenty-seven and seventy-nine hundredths = **27.79**
9. sixty-six hundredths = **0.66**
10. sixty-five and ninety-one hundredths = **65.91**

Part C: Write each number in standard form.

11. 6 × 10 + 6 × 1 + 8 × (1/10) + 3 × (1/1000) = **66.803**
12. 1 × 10 + 2 × 1 + 3 × (1/100) + 1 × (1/1000) = **12.031**
13. 8 × 1 + 9 × (1/10) + 7 × (1/1000) = **8.907**
14. 7 × 10 + 2 × 1 + 5 × (1/100) + 4 × (1/1000) = **72.054**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 3 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. 91.401 = **90 + 1 + 0.4 + 0.001**
2. 1.403 = **1 + 0.4 + 0.003**
3. 49.503 = **40 + 9 + 0.5 + 0.003**
4. 7.044 = **7 + 0.04 + 0.004**
5. 26.087 = **20 + 6 + 0.08 + 0.007**

Part B: Write each number in standard form.

6. seven hundred fifty-six thousandths = **0.756**
7. ninety-five hundredths = **0.95**
8. thirty-four and seven hundred sixty-five thousandths = **34.765**
9. ninety and seven hundred eighty-five thousandths = **90.785**
10. one hundred nine and fifty-two hundredths = **109.52**

Part C: Write each number in standard form.

11. 8 × 10 + 6 × 1 + 6 × (1/100) + 9 × (1/1000) = **86.069**
12. 6 × 10 + 1 × (1/10) + 8 × (1/1000) = **60.108**
13. 6 × 10 + 8 × 1 + 2 × (1/10) + 2 × (1/1000) = **68.202**
14. 2 × 10 + 5 × 1 + 1 × (1/100) + 1 × (1/1000) = **25.011**

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**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 5 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. 58.207 = **50 + 8 + 0.2 + 0.007**
2. 38.402 = **30 + 8 + 0.4 + 0.002**
3. 7.029 = **7 + 0.02 + 0.009**
4. 20.072 = **20 + 0.07 + 0.002**
5. 44.404 = **40 + 4 + 0.4 + 0.004**

Part B: Write each number in standard form.

6. eighty-four and seventy-five hundredths = **84.75**
7. one hundred thirteen and sixty-nine hundredths = **113.69**
8. fifty-five hundredths = **0.55**
9. four hundred forty-one thousandths = **0.441**
10. three hundred thirty-one thousandths = **0.331**

Part C: Write each number in standard form.

11. 5 × 10 + 4 × 1 + 3 × (1/10) + 6 × (1/1000) = **54.306**
12. 1 × 10 + 8 × (1/10) + 3 × (1/1000) = **10.803**
13. 4 × 10 + 7 × 1 + 5 × (1/10) + 2 × (1/1000) = **47.502**
14. 1 × 10 + 5 × 1 + 9 × (1/10) + 9 × (1/1000) = **15.909**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 6 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. 11.704 = **10 + 1 + 0.7 + 0.004**
2. 89.025 = **80 + 9 + 0.02 + 0.005**
3. 22.021 = **20 + 2 + 0.02 + 0.001**
4. 77.059 = **70 + 7 + 0.05 + 0.009**
5. 35.709 = **30 + 5 + 0.7 + 0.009**

Part B: Write each number in standard form.

6. four hundred seventy-five thousandths = **0.475**
7. sixty-one and seventy-one hundredths = **61.71**
8. thirty-four and ninety-four hundredths = **34.94**
9. one hundred six and three hundred twenty-six thousandths = **106.326**
10. one hundred forty-eight thousandths = **0.148**

Part C: Write each number in standard form.

11. 4 × 10 + 5 × 1 + 3 × (1/100) + 8 × (1/1000) = **45.038**
12. 1 × 10 + 8 × 1 + 8 × (1/10) + 4 × (1/1000) = **18.804**
13. 8 × 10 + 4 × 1 + 6 × (1/100) + 8 × (1/1000) = **84.068**
14. 5 × 10 + 9 × 1 + 6 × (1/10) + 2 × (1/1000) = **59.602**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 7 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. 67.305 = **60 + 7 + 0.3 + 0.005**
2. 71.082 = **70 + 1 + 0.08 + 0.002**
3. 70.403 = **70 + 0.4 + 0.003**
4. 1.705 = **1 + 0.7 + 0.005**
5. 30.604 = **30 + 0.6 + 0.004**

Part B: Write each number in standard form.

6. eighty-five and twenty-nine thousandths = **85.029**
7. forty-one and nine hundred twenty-nine thousandths = **41.929**
8. twenty-two and three hundred ninety-six thousandths = **22.396**
9. one hundred seven and nineteen hundredths = **107.19**
10. twenty-one and three hundred forty-nine thousandths = **21.349**

Part C: Write each number in standard form.

11. 2 × 10 + 1 × 1 + 7 × (1/100) + 1 × (1/1000) = **21.071**
12. 5 × 1 + 4 × (1/100) + 6 × (1/1000) = **5.046**
13. 9 × 10 + 9 × 1 + 7 × (1/10) + 9 × (1/1000) = **99.709**
14. 9 × 10 + 5 × (1/100) + 2 × (1/1000) = **90.052**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 8 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. 51.608 = **50 + 1 + 0.6 + 0.008**
2. 31.062 = **30 + 1 + 0.06 + 0.002**
3. 39.082 = **30 + 9 + 0.08 + 0.002**
4. 28.027 = **20 + 8 + 0.02 + 0.007**
5. 4.054 = **4 + 0.05 + 0.004**

Part B: Write each number in standard form.

6. ninety-two and six hundred thirty-three thousandths = **92.633**
7. two hundredths = **0.02**
8. one hundred ten and seventy-eight hundredths = **110.78**
9. one hundred three and seventy-five thousandths = **103.075**
10. sixty-seven and nine hundred ninety-five thousandths = **67.995**

Part C: Write each number in standard form.

11. 2 × 10 + 5 × 1 + 1 × (1/10) + 4 × (1/1000) = **25.104**
12. 1 × 10 + 7 × 1 + 3 × (1/100) + 6 × (1/1000) = **17.036**
13. 2 × 10 + 5 × 1 + 5 × (1/10) + 1 × (1/1000) = **25.501**
14. 7 × 1 + 3 × (1/100) + 2 × (1/1000) = **7.032**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 9 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. 67.503 = **60 + 7 + 0.5 + 0.003**
2. 80.109 = **80 + 0.1 + 0.009**
3. 40.035 = **40 + 0.03 + 0.005**
4. 46.603 = **40 + 6 + 0.6 + 0.003**
5. 73.088 = **70 + 3 + 0.08 + 0.008**

Part B: Write each number in standard form.

6. twenty-eight and nine hundred ninety-seven thousandths = **28.997**
7. one hundred five and two hundred twelve thousandths = **105.212**
8. sixty-one and thirty-nine hundredths = **61.39**
9. sixty-three hundredths = **0.63**
10. one hundred thirteen and thirty-one hundredths = **113.31**

Part C: Write each number in standard form.

11. 4 × 10 + 5 × 1 + 2 × (1/100) + 4 × (1/1000) = **45.024**
12. 8 × 10 + 4 × 1 + 9 × (1/100) + 4 × (1/1000) = **84.094**
13. 6 × 1 + 9 × (1/10) + 8 × (1/1000) = **6.908**
14. 2 × 10 + 5 × 1 + 1 × (1/10) + 6 × (1/1000) = **25.106**

Reading and Writing Decimals to Thousandths - ANSWER KEY

Grade 5 | Writing decimals to thousandths in expanded form, word form and standard form | Version 10 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. 94.406 = **90 + 4 + 0.4 + 0.006**
2. 66.096 = **60 + 6 + 0.09 + 0.006**
3. 21.507 = **20 + 1 + 0.5 + 0.007**
4. 74.068 = **70 + 4 + 0.06 + 0.008**
5. 20.068 = **20 + 0.06 + 0.008**

Part B: Write each number in standard form.

6. five hundredths = **0.05**
7. twenty-one hundredths = **0.21**
8. thirty-two and six hundred sixty-six thousandths = **32.666**
9. sixty-eight hundredths = **0.68**
10. eight hundred three thousandths = **0.803**

Part C: Write each number in standard form.

11. 4 × 10 + 7 × 1 + 7 × (1/10) + 9 × (1/1000) = **47.709**
12. 5 × 10 + 4 × 1 + 6 × (1/10) + 1 × (1/1000) = **54.601**
13. 1 × 10 + 9 × 1 + 3 × (1/10) + 9 × (1/1000) = **19.309**
14. 9 × 10 + 6 × 1 + 3 × (1/10) + 6 × (1/1000) = **96.306**