

Write each number as indicated. Use the place value chart to help you.

hundreds	tens	ones	.	tenths	hundredths	thousandths
			.			

- ① one hundred three and nine-tenths

standard form: \_\_\_\_\_

- ② forty and five hundred sixty-seven thousandths

standard form: \_\_\_\_\_

- ③ two and thirteen-hundredths

standard form: \_\_\_\_\_

- ④ 18.06

written form: \_\_\_\_\_

- ⑤ 10.13

written form: \_\_\_\_\_

- ⑥ 140.5

expanded form: \_\_\_\_\_



Circle the decimal that shows thousandths.

ime \_\_\_\_\_

Read each number. Write its word name. Use the place value chart to help you.

hundreds	tens	ones	.	tenths	hundredths	thousandths
			.			

- 1 standard form: 24.76  
 expanded form: \_\_\_\_\_  
 written form: \_\_\_\_\_
- 2 standard form: 21.035  
 expanded form: \_\_\_\_\_  
 written form: \_\_\_\_\_
- 3 standard form: 400.04  
 expanded form: \_\_\_\_\_  
 written form: \_\_\_\_\_
- 4 standard form: 121.06  
 expanded form: \_\_\_\_\_  
 written form: \_\_\_\_\_
- 5 standard form: \_\_\_\_\_  
 expanded form: \_\_\_\_\_  
 written form: three hundred five and five tenths
- 6 standard form: \_\_\_\_\_  
 expanded form: \_\_\_\_\_  
 written form: seven hundred eighteen and twelve thousandths
- 7 standard form: \_\_\_\_\_  
 expanded form:  $90 + 9 + \frac{8}{10} + \frac{3}{100}$   
 written form: \_\_\_\_\_
- 8 300.4  
 expanded form: \_\_\_\_\_  
 written form: \_\_\_\_\_

★ Tell how place value helps you read and write a number.

Complete the chart.

	Standard Form	Expanded Form	Written Form
1	6.17		
2		$30 + 5 + \frac{2}{10}$	
3		$4 + \frac{5}{10} + \frac{7}{100} + \frac{9}{1,000}$	
4			eight hundred two and six-hundredths
5	206.047		
6	74.21		
7	8.096		
8			twenty and sixty-two hundredths
9			ninety-five and four-tenths
10		$600 + 5 + \frac{3}{100}$	



Tell how you know the value of each digit in a number.

Name \_\_\_\_\_

Solve.

- 1 Write 510.401 in expanded form.
- 2 Write three hundred fifty-two and four-tenths in standard form.
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- 3 Write 10.7 in written form.
- 4 Write seven hundred one and one-thousandth in standard form.
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- 5 Write  $200 + 50 + 7 + \frac{5}{10} + \frac{7}{100} + \frac{2}{1,000}$  in written form.
- 6 Write nine hundred one and seventy-five thousandths in expanded form.

Circle the letter for the correct answer.

- 7 Which of the following shows 17.201 in expanded form?
- a)  $17 + \frac{2}{10} + \frac{0}{100} + \frac{1}{1,000}$
- b) seventeen and two hundred and one thousandths
- c)  $10 + 7 + \frac{2}{10} + \frac{1}{1,000}$
- d) seventeen and two-tenths and one thousandth
- 8 Which of the following shows nine hundred and fifty-two thousandths in standard form?
- a) 952,000
- b) 900.52
- c) 950.052
- d) 900.052