

# Practice 1-5

## Understanding Decimals

Write each decimal in words.

1. 213.23

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. 7,430.25

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. 81.8887

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. 12.873

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. 8.0552

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. 0.00065

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Write each decimal in standard form and in expanded form.

7. three tenths

\_\_\_\_\_

\_\_\_\_\_

8. eight tenths

\_\_\_\_\_

\_\_\_\_\_

9. two hundredths

10. forty hundredths

What is the value of the digit 7 in each number?

11. 0.7

\_\_\_\_\_

12. 4.00712

\_\_\_\_\_

13. 2.179

\_\_\_\_\_

14. 1.8887

\_\_\_\_\_

15. 15.002237

\_\_\_\_\_

16. 27.002

\_\_\_\_\_

Round each decimal to the underlined place.

17. 28,467.089

\_\_\_\_\_

18. 348.92971

\_\_\_\_\_

19. 72.14

\_\_\_\_\_

20. 22.98553

\_\_\_\_\_

21. 19.82549

\_\_\_\_\_

22. 1.99928

\_\_\_\_\_

# Puzzle 1-5

## Understanding Decimals

### *Making the Rounds*

The following numbers round to the same number. In the blank, write the number to which they round.

- |                  |                  |                    |
|------------------|------------------|--------------------|
| 1. 4.65<br>_____ | 2. 3.45<br>_____ | 3. 15.945<br>_____ |
| 4.74             | 3.54             | 15.954             |

The following numbers are rounded to the nearest **tenth**. Write lesser and greater numbers that would round to the given number.

- |                          |                          |                           |
|--------------------------|--------------------------|---------------------------|
| 4. _____<br>0.8<br>_____ | 5. _____<br>0.1<br>_____ | 6. _____<br>13.2<br>_____ |
|--------------------------|--------------------------|---------------------------|

The following numbers are rounded to the nearest **hundredth**. Write lesser and greater numbers that would round to the given number.

- |                           |                           |                            |
|---------------------------|---------------------------|----------------------------|
| 7. _____<br>6.17<br>_____ | 8. _____<br>0.34<br>_____ | 9. _____<br>17.06<br>_____ |
|---------------------------|---------------------------|----------------------------|

The following numbers are rounded to the nearest **thousandth**. Write lesser and greater numbers that would round to the given number.

- |                              |                             |                             |
|------------------------------|-----------------------------|-----------------------------|
| 10. _____<br>45.018<br>_____ | 11. _____<br>9.001<br>_____ | 12. _____<br>0.035<br>_____ |
|------------------------------|-----------------------------|-----------------------------|

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