Foundations of Algebra

Name: _____ Date: _____

Decimals HW 8/2

For 1-5, arrange the numbers from smallest to largest. Be sure to line them up in a column.

1. 2.62, 2.061, 2.612, 0.66, 6.21
2. 14.01, 140.1, 1.401, 14.1, 14.11
3. 0.0067, 0.007, 0.00618, 0.00701, 0.006
4. 0.1, 0.01, 1, 1.1, 0.019
5. 5.1, 5, 5.01, 5.09, 5.91

Use the table for 6-8.

6. a) Which is greater, rap or pop?

   b) Which is greater, country or classical?
7. Suppose oldies have 8.05 percent of sales, is this greater or less than pop music percentage?
8. If you owned a store, which music would you focus on selling the most of, based on the table?

Type of Music	Percent of Music Sales
Pop	8.9
Country	10.4
Rock	25.2
Rap	13.3
Classical	10.6

Circle the correct answer.

9. 25.64 rounded to the nearest tenth
   A. 25.7 D. 25.6 E. 26
10. 9.136 rounded to the nearest hundredth
    E. 9.14 M. 9.12 T. 9.13
11. 0.872 rounded to the nearest hundredth
    C. 0.880 W. 0.87 B. 0.900
12. 30.781 rounded to the nearest tenth
    L. 30.7 M. 31.0 V. 30.8
13. 46.425 rounded to the nearest hundredth
    N. 46.42 P. 46.4 L. 46.43
14. 7.08 rounded to the nearest tenth
    Y. 7.1 Z. 7.09 T. 7.0
15. 584.929 rounded to the nearest tenth
    S. 585.0 O. 584.9 E. 584.93

Where do volleyball players like to go on vacation?

To solve the riddle, write each circled letter from above on its matching numbered line or lines below.

" _____ _____ _____ _____ _____ _____ " _____ _____ _____ _____ "

12 15 13 13 10 14 11 15 15 9