Lesson 23 ~ Ordering and Comparing Decimals

Name_____ Period_____ Date_____

Compare each pair of decimals. Replace the ◯ with to <, > or = to make a true sentence.

1.340   1.334
1. 1.34 ⟨>⟩ 1.334

5.05   5.50
2. 5.05 ⟨<⟩ 5.5

3. 9.423 ⟨<⟩ 9.432

4.40
4. 4.4 ⟨=⟩ 4.40

10.10
5. 10.1 ⟨<⟩ 10.15

7.530
6. 7.53 ⟨>⟩ 7.503

Put each set of numbers in order from least to greatest.

                                    menor   mayor
7. 9.33, 9.03, 9.3, 9.23   9.03, 9.23, 9.3, 9.33

8. 12.87, 12.78, 12.807, 12.708   12.708, 12.78, 12.807, 12.87

9. 5.123, 5.213, 5.312, 5.231   5.123, 5.213, 5.231, 5.312

Circle the answer for each question.

10. Which number is between 3.22 and 3.36?
    A. 3.2   B. 3.93   C. 3.37   (D. 3.3)

11. Which number is larger than 5.569?
    (A. 5.57)   B. 5.5   C. 5.56   D. 5.559

12. Which number is smaller than four and six hundred thirty-seven thousandths?   4.637
    A. 4.7   (B. 4.6)   C. 4.64   D. 4.638

Solve each problem.

                7.60
13. Nancy recorded 7.6 centimeters of rain in a rain gauge. Sarah recorded 7.56 centimeters of rain in a rain gauge. Who recorded more rain?

    Nancy recorded more rain

14. Melanie got paid $8.40 per hour at her job. Her friend, Chrissy, got paid $8.45 per hour at her job. Who got paid the highest amount per hour?

    Chrissy got paid more per hour

15. Frieda recorded the temperatures for several days in one week. On Wednesday, it was 75.45 °F. On Thursday, it was 75.05 °F. Friday's temperature was 75.5 °F.
    a. Which day was the hottest?   75.50 °F
       Friday
    b. Which day was the coolest?
       Thursday
    c. Put the three temperatures in order from least to greatest.

       75.05, 75.45, 75.50 °F

Decimal Practice.

Use tenths, hundredths, or thousandths for #9 – 13.

9. In which place is the digit 9 in each decimal?
    a. 42.709   b. 9.231   c. 14.902   d. 81.493
    thousandths   *tens*   *tenths*   *hundredths*

Write the value of the underlined digit in each decimal.

10. 2.1_83
    tenths

11. 31.20_8
    thousandths

12. 7.2_64
    hundredths

13. 43._56
    tens

Write a decimal to match each word form.

14. sixteen and twenty-three hundredths

16 and 23 hundredths = ___16.23___

15. ninety-nine and two tenths

99 and 2 tenths = ___99.2___

16. three and four hundred eleven thousandths

3 and 411 thousandths = ___3.411___

17. fifty-two and six hundredths

52 and 6 hundredths = ___52.06___

18. seventy-eight and four thousandths

78 and 4 thousandths = ___78.004___

19. two hundred twenty-three thousandths

223 thousandths = ___0.223___

Nine different runners' times for the 400 meter dash are displayed in the table. Use the information in the table to complete the following problems.

20. ___48.9 seconds___ is the fastest time.

21. ___51.5 seconds___ is the slowest time.

22. ___49.09___, ___49.25___, and ___48.9___ are faster than 49.3 sec.

23. ___50.5___, ___50.98___, and ___51.5___ are slower than 50.3 sec.

24. Put the times in order from least to greatest.

48.9, 49.09, 49.25, 49.45, 49.61, 49.76, 50.5, 50.98, 51.5

400 m dash time (in seconds)
50.5
49.09
49.45
49.76
49.25
51.5
48.9
50.98
49.61