

Lesson 23 ~ Ordering and Comparing Decimals

Name _____ Period _____ Date _____

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

1. $1.34 \bigcirc 1.334$

2. $5.05 \bigcirc 5.5$

3. $9.423 \bigcirc 9.432$

4. $4.4 \bigcirc 4.40$

5. $10.1 \bigcirc 10.15$

6. $7.53 \bigcirc 7.503$

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

7. 9.33, 9.03, 9.3, 9.23

8. 12.87, 12.78, 12.807, 12.708

9. 5.123, 5.213, 5.312, 5.231

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?

- A. 4.7 B. 4.6 C. 4.64 D. 4.638

Solve each problem.

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?

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?

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?

b. Which day was the coolest?

c. Put the three temperatures in order from least to greatest.

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

Write the value of the underlined digit in each decimal.

10. 2.183

11. 31.208

12. 7.264

13. 43.56

Write a decimal to match each word form.

14. sixteen and twenty-three hundredths

16 and 23 hundredths = _____

15. ninety-nine and two tenths

99 and 2 tenths = _____

16. three and four hundred eleven thousandths

3 and 411 thousandths = _____

17. fifty-two and six hundredths

52 and 6 hundredths = _____

18. seventy-eight and four thousandths

78 and 4 thousandths = _____

19. two hundred twenty-three thousandths

223 thousandths = _____

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. _____ is the fastest time.

21. _____ is the slowest time.

22. _____, _____, and _____ are faster than 49.3 sec.

23. _____, _____, and _____ are slower than 50.3 sec.

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

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