

3-2**Practice: Skills****Comparing and Ordering Decimals**

Use $>$, $<$, or $=$ to compare each pair of decimals.

1. $2.4 \bullet 2.04$

2. $6.23 \bullet 6.32$

3. $0.02 \bullet 0.020$

4. $12.05 \bullet 12.50$

5. $0.92 \bullet 0.095$

6. $39.21 \bullet 39.021$

7. $0.849 \bullet 0.0851$

8. $12.1 \bullet 12.10$

9. $21.967 \bullet 2.1968$

10. $0.0128 \bullet 0.128$

11. $1.4601 \bullet 1.460$

12. $19.08 \bullet 19.079$

13. $28.003 \bullet 28.03$

14. $0.831 \bullet 0.0835$

15. $39.020 \bullet 39.0200$

16. $15.6243 \bullet 15.6234$

17. $12.0905 \bullet 12.10$

18. $56.7 \bullet 5.67$

Order each set of decimals from least to greatest.

19. 1.25, 1.52, 1.02, 1.50

20. 67.39, 68.004, 67.039, 67.04

21. 15.0421, 14.52, 14.521, 15.421

22. 0.0012, 0.0211, 0.0002, 0.0022

Order each set of decimals from greatest to least.

23. 4.99, 4.001, 5.0, 4.01

24. 12.0012, 120.012, 12.012, 12.12

25. 3.5, 3.05, 3.55, 3.555

26. 45.0, 40.5, 40.09, 49.5

3-2**Practice: Word Problems****Comparing and Ordering Decimals**

MUSIC For Exercises 1–4, use the table.

The table shows the percent of the music market for each type of music.

Music Industry Sales Statistics, 2001	
Type of Music	Percent of Market
Pop	12.1
Country	10.5
Rock	24.4
Rap/Hip-Hop	11.4
R&B	10.6

1. Use $>$ or $<$ to compare the percents for pop and rap/hip-hop. Which is greater?

2. Use $>$ or $<$ to compare the percents for country and R&B. Which is greater?

3. If you owned a store that sells CDs, which kind of music would you want to sell, based on the table? Explain.

4. Suppose children's songs have 12.05 percent of the market. Is this greater or less than the percent for pop music? Explain.

5. **CONSTRUCTION** Alberto is setting out four boards of lumber. The lengths of the boards are 4.5 feet, 4.52 feet, 4 feet, and 4.505 feet. Order the lengths from longest to shortest.

6. **CONSTRUCTION** Ella set out a board of pine lumber that was 0.8 feet long and a board of cedar lumber that was 0.80 feet long. Alberto said the cedar board was longer. Is he correct? Explain.