

# Comparing and Ordering Decimals

List the numbers in order from least to greatest:

6.943, 5.229, 6.825, 6.852, 6.779

**Step 1: Write the numbers, lining up places. Begin at the left to find the greatest or least number.**

6.943  
5.229  
6.825  
6.852  
6.779

5.229 is the least.

**Step 2: Write the remaining numbers, lining up places. Find the greatest and least. Order the other numbers.**

6.943 ← greatest  
6.825 } → 6.825  
6.852 } → 6.852  
6.779 ← least

6.779 is the least.

6.943 is the greatest.

6.852 is greater than 6.825.

**Step 3: Write the numbers from least to greatest.**

5.229  
6.779  
6.825  
6.852  
6.943

Complete. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $7.539 \bigcirc 7.344$

2.  $9.202 \bigcirc 9.209$

3.  $0.75 \bigcirc 0.750$

Order these numbers from least to greatest.

4. 3.898 3.827 3.779

\_\_\_\_\_

5. 5.234 5.199 5.002 5.243

\_\_\_\_\_

Which had the faster speed?

6. Driver A or Driver D

\_\_\_\_\_

7. Driver C or Driver A

\_\_\_\_\_

**Car Racing Winners**

Driver	Average Speed (mph)
Driver A	145.155
Driver B	145.827
Driver C	147.956
Driver D	144.809

Name \_\_\_\_\_

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Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $5.424 \bigcirc 5.343$

2.  $0.33 \bigcirc 0.330$

3.  $9.489 \bigcirc 9.479$

4.  $21.012 \bigcirc 21.01$

5.  $223.21 \bigcirc 223.199$

6.  $5.43 \bigcirc 5.432$

Order these numbers from least to greatest.

7. 8.37, 8.3, 8.219, 8.129 \_\_\_\_\_

8. 0.012, 0.100, 0.001, 0.101 \_\_\_\_\_

9. Name three numbers between 0.33 and 0.34.  
\_\_\_\_\_

10. Which runner came in first place?  
\_\_\_\_\_

**Half-Mile Run**

Runner	Time (minutes)
Amanda	8.016
Calvin	7.049
Liz	7.03
Steve	8.16

11. Who ran faster, Amanda or Steve?  
\_\_\_\_\_

12. Who ran for the longest time?  
\_\_\_\_\_

13. Which number is less than 28.43?

**A** 28.435

**B** 28.34

**C** 28.430

**D** 29.43

14. Explain why it is not reasonable to say that 4.23 is less than 4.13.  
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\_\_\_\_\_  
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