

# Comparing and Ordering Decimals

NCTM Standards 1, 2, 6, 7, 8, 9

Write the numbers in order from least to greatest.

1 1.23 2.13 21.3    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

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2 32.1 23.1 1.31    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

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3 13.1 12.3 2.31    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

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4 3.12 3.21 31.2    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_

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Write  $>$ ,  $<$ , or  $=$  to complete the number sentence.

5  $12.02 \bigcirc 21.01$

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6  $30.6 \bigcirc 30.42$

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7  $4.5 \bigcirc 4.52$

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8  $6.002 \bigcirc 5.9$

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9  $72.9 \bigcirc 72.90$

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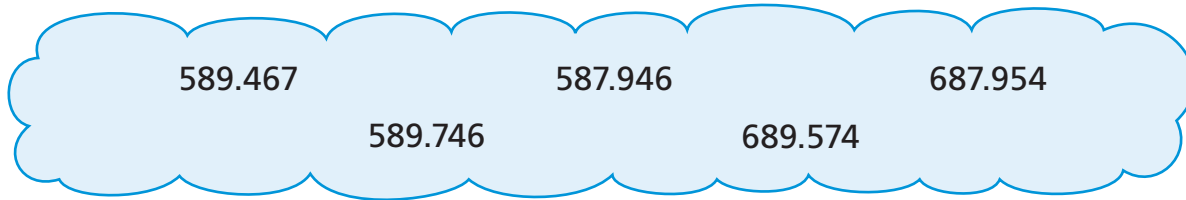
10  $28.070 \bigcirc 28.70$

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11  $9.8 \bigcirc 9.10$

12  $64.321 \bigcirc 64.32$

13 Write the numbers in order from least to greatest.



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**Circle the smallest number in each set.**

14            3.2            3.02            3.20


15            9.98            8.98            9.89

16            14.602            14.61            14.59


17            101.2            10.12            1.012

18            45.901            45.19            45.2

19            3.2            3.14            3.015

 20 Keith said that 7.445 is larger than 7.45 because 7.445 has more digits to the right of the decimal point. Is he correct? Explain.

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\_\_\_\_\_

 **21 Challenge** Terrell ran the 40-yard dash in 4.6 seconds. His teammate Troy ran it in 4.39 seconds.

Who was faster? Explain how you know.

\_\_\_\_\_  
\_\_\_\_\_

What is the difference between the two times?

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