Compare and Order Decimals to Thousandths

Name: _____

Grade 5 · Compare decimals with >, < and =, then put them in order

How it works

Line up the decimal points. Start at the left and find the first place where the digits are different.
You can write zeros at the end so both numbers have the same number of places: 0.36 = 0.360.

0.360
0.359

The hundredths differ: 6 is more than 5.

0.36 > 0.359

A. Write >, < or = in each circle.

1. **0.47** ◯ **0.468**
2. **3.205** ◯ **3.25**
3. **0.6** ◯ **0.600**
4. **1.089** ◯ **1.09**
5. **0.731** ◯ **0.713**
6. **5.4** ◯ **5.399**
7. **0.058** ◯ **0.58**
8. **2.340** ◯ **2.34**
9. **0.909** ◯ **0.99**
10. **7.126** ◯ **7.216**
11. **0.3** ◯ **0.287**
12. **4.005** ◯ **4.050**

B. Write the numbers in order from least to greatest.

1. **0.52** **0.502** **0.25** **0.525**

   _____ < _____ < _____ < _____

2. **3.4** **3.04** **3.44** **3.404**

   _____ < _____ < _____ < _____

3. **0.089** **0.09** **0.1** **0.098**

   _____ < _____ < _____ < _____

4. **6.71** **6.701** **6.17** **6.107**

   _____ < _____ < _____ < _____

C. Write a decimal that makes each statement true.

1. **0.4 < _____ < 0.5**
2. **2.31 < _____ < 2.32**
3. **_____ > 0.999**

Compare and Order Decimals to Thousandths (Answer Key)

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0.360
0.359

The hundredths differ: 6 is more than 5.

0.36 > 0.359

A. Write >, < or = in each circle.

1. 0.47 **>** 0.468
2. 3.205 **<** 3.25
3. 0.6 **=** 0.600
4. 1.089 **<** 1.09
5. 0.731 **>** 0.713
6. 5.4 **>** 5.399
7. 0.058 **<** 0.58
8. 2.340 **=** 2.34
9. 0.909 **<** 0.99
10. 7.126 **<** 7.216
11. 0.3 **>** 0.287
12. 4.005 **<** 4.050

B. Write the numbers in order from least to greatest.

1. 0.52 0.502 0.25 0.525

   0.25 < 0.502 < 0.52 < 0.525

2. 3.4 3.04 3.44 3.404

   3.04 < 3.4 < 3.404 < 3.44

3. 0.089 0.09 0.1 0.098

   0.089 < 0.09 < 0.098 < 0.1

4. 6.71 6.701 6.17 6.107

   6.107 < 6.17 < 6.701 < 6.71

C. Write a decimal that makes each statement true.

1. 0.4 < 0.45 < 0.5
2. 2.31 < 2.315 < 2.32
3. 1.5 > 0.999

Part C: answers will be different. One right answer is shown for each.