

## Comparing Decimals

**Procedure:**

1. Rewrite the decimals so that each decimal has the same number of digits (add zeros).
2. Disregarding the decimal points, the largest number will be the largest decimal numeral.

**Example: Compare .41 and .349 using  $>$  or  $<$ .**

**Add one zero to .41 so both decimals have three digits. This gives .410 and .349.**

**Disregarding the decimals, 410 is larger than 349. Therefore  $.41 > .349$ .**

**Compare using  $>$  or  $<$ .**

1.  $3.26$  \_\_\_\_  $.81$

2.  $.7$  \_\_\_\_  $.353$

3.  $.2$  \_\_\_\_  $.63$

4.  $7.462$  \_\_\_\_  $.0$

5.  $10.9$  \_\_\_\_  $.0$

6.  $.62$  \_\_\_\_  $.398$

7.  $.958$  \_\_\_\_  $.576$

8.  $.64$  \_\_\_\_  $4.794$

9.  $.952$  \_\_\_\_  $.109$

10.  $.939$  \_\_\_\_  $.01$

11.  $.193$  \_\_\_\_  $1.162$

12.  $10.072$  \_\_\_\_  $1.3$

13.  $.0$  \_\_\_\_  $.114$

14.  $2.8$  \_\_\_\_  $7.57$

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1.  $.570$  \_\_\_\_  $.347$

2.  $.71$  \_\_\_\_  $.1$

3.  $.7$  \_\_\_\_  $.663$

4.  $2.43$  \_\_\_\_  $.466$

5.  $4.6$  \_\_\_\_  $12.7$

6.  $.05$  \_\_\_\_  $.4$

7.  $.6$  \_\_\_\_  $.2$

8.  $.972$  \_\_\_\_  $.8$

9.  $.1$  \_\_\_\_  $.719$

10.  $10.223$  \_\_\_\_  $12.1$

11.  $.61$  \_\_\_\_  $.03$

12.  $.4$  \_\_\_\_  $.36$

13.  $.1$  \_\_\_\_  $.0$

14.  $11.790$  \_\_\_\_  $.73$

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Compare using  $>$  or  $<$ .

1.  $.8$  \_\_\_\_  $.49$

2.  $.889$  \_\_\_\_  $.673$

3.  $.0$  \_\_\_\_  $.978$

4.  $.96$  \_\_\_\_  $11.139$

5.  $.38$  \_\_\_\_  $7.22$

6.  $.9$  \_\_\_\_  $.28$

7.  $10.457$  \_\_\_\_  $11.836$

8.  $.989$  \_\_\_\_  $.061$

9.  $.18$  \_\_\_\_  $.23$

10.  $6.2$  \_\_\_\_  $4.2$

11.  $10.301$  \_\_\_\_  $4.21$

12.  $.6$  \_\_\_\_  $.76$

13.  $.34$  \_\_\_\_  $.7$

14.  $4.334$  \_\_\_\_  $.672$

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1. .32, .129

2. .5, .7

3. .224, .6

4. .5, .05

5. 4.3, 3.4

6. .07, 1.6

7. .481, .102

8. .102

9. .80, .464

10. 2.04, .204

11. 6.32, 7.1

12. 5.70, .005

13. 3.913, 3.3

14. .8, 9.8

15. .954, 11.34