

Compare and Order Decimals (through thousandths)

1. Which group of numbers is in order from least to greatest?

- A. 3.29, 2.92, 2.43, 1.89
- B. 7.89, 7.90, 8.35, 8.41
- C. 5.32, 5.25, 5.01, 5.1
- D. 9.68, 9.07, 9.43, 9.27

2. Mr. Gavin's students competed during P.E. to see who could run the 50-yard dash the fastest. The top 4 students are listed in the table below. Which student in Mr. Gavin's class ran the fastest?

Student	Time (in seconds)
Juan	7.408
Devon	8.002
Trey	7.425
LeAnn	8.174

- A. Juan
- B. Devon
- C. Trey
- D. LeAnn

3. Which number comes between 3.72 and 4.13?

- A. 4.32
- B. 3.48
- C. 4.05
- D. 2.89

4. Mrs. Williams was working with a small group of students on comparing decimals. She asked the students to write down a number between 9.054 and 9.183. Carla wrote 9.201. Tom wrote 9.197. Angie wrote 9.024 and Gary wrote 9.095. Who wrote the number correctly?

- A. Carla
- B. Tom
- C. Angie
- D. Gary

5. Casey loves to ride his bike. While he was on summer vacation, he rode his bike almost every day. The following chart shows the distance Casey rode during his first week of summer vacation. On which day did Casey ride the shortest distance?

Day	Miles Traveled
Monday	6.1
Tuesday	5.7
Wednesday	5.9
Thursday	5.3
Friday	6.2

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Thursday

6. Which of the numbers below is less than 74.52?

- A. 74.91
- B. 82.03
- C. 74.35
- D. 75.18

7. Which group of numbers is in order from greatest to least?

- A. 8.091, 8.901, 9.005, 9.703
- B. 9.703, 9.005, 8.901, 8.091
- C. 9.703, 8.901, 9.005, 8.091
- D. 8.901, 9.005, 9.703, 8.091

8. After the storm passed through Houston last week, the total rainfall in four parts of the city was recorded in the table below. According to the table below which area received 3 hundredths of an inch?

Parts of Houston	Amount of Rainfall (in Inches)
North	3.3
South	0.3
East	0.03
West	0.003

- A. North
- B. South
- C. East
- D. West

9. Which of the following has the greatest value?

- A. 12.009
- B. 11.072
- C. 11.999
- D. 12.001

10. Which of the following is greater than 0.07 and less than 0.4?

- A. 0.05
- B. 0.44
- C. 0.41
- D. 0.35

11. Which of the following is true?

- A. $0.65 > 0.67$
- B. $0.51 < 0.49$
- C. $0.39 > 0.09$
- D. $0.25 < 0.19$

12. Mrs. Webber asked her math students to draw a line that measured between 12.5 cm and 13.5 cm in length. Four of the measurements are listed below. Which of the following measurements was drawn the correct length?

- A. 12.2 cm
- B. 13.4 cm
- C. 13.6 cm
- D. 13.7 cm

13. Dana was asked by her teacher to compare the numbers 149.041 and 149.901. Which way is the correct way to compare these two numbers?

- A. $149.041 > 149.901$
- B. $149.041 = 149.901$
- C. $149.901 < 149.041$
- D. $149.901 > 149.041$

14. Joe, Mary, Janie and Jeffrey all live close to the beach. The distance each friend lives from the beach is listed in the table below. Which friend lives closest to the beach?

Friend	Distance from the Beach
Joe	3.7 mi.
Mary	4.1 mi.
Janie	3.9 mi.
Jeffrey	3.5 mi.

- A. Joe
- B. Mary
- C. Janie
- D. Jeffrey

15. Which number is greater than 7.391?

- A. 7.350
- B. 7.295
- C. 7.389
- D. 7.421

16. Which of the following has the least value?

- A. 25.091
- B. 25.101
- C. 25.007
- D. 25.150

17. Which number is equal to 5.70?

- A. 7.5
- B. 5.007
- C. 5.07
- D. 5.7

18. Amy had 4 pieces of string that were cut in various lengths. The string lengths are shown below. Which shows the lengths in order from least to greatest?

407.3	470.8	407.1	470.3
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- A. 407.1, 407.3, 470.3, 470.8
- B. 407.3, 407.1, 470.8, 470.3
- C. 470.8, 470.3, 407.3, 407.1
- D. 407.1, 407.3, 470.8, 470.3

19. Which of the following is greater than 0.307 and less than 0.591?

- A. 0.598
- B. 0.385
- C. 0.299
- D. 0.601

20. Which of the following is true?

- A. $7.3 = 7.30$
- B. $5.9 = 5.89$
- C. $7.3 < 6.784$
- D. $6.120 > 6.5$

21. Which of the following has the greatest value?

- A. 7.095
- B. 10.6
- C. 9.12
- D. 10.04

22. Which lists these numbers in order from greatest to least?

7.45

17.4

7.5

7.15

- A. 7.45, 17.4, 7.5, 7.15
- B. 17.4, 7.5, 7.45, 7.15
- C. 7.5, 7.45, 7.15, 7.45
- D. 7.15, 7.45, 7.5, 17.4

23. Wendy and Todd went on a hiking trip with some friends. Wendy hiked 7.25 miles and Todd hiked 7.5 miles. Which shows the correct way to compare how far Wendy and Todd hiked?

- A. $7.25 > 7.5$
- B. $7.25 < 7.5$
- C. $7.5 < 7.25$
- D. $7.5 = 7.25$

24. Which of the following numbers is less than 54.006?

- A. 54.06
- B. 54.106
- C. 54.2
- D. 54.002

25. Which number is equal to 1.3?

- A. 1.03
- B. 1.300
- C. 1.030
- D. 1.003

**Compare and Order Decimals
(through thousandths)
Answer Key**

- | | |
|-------|-------|
| 1. B | 14. D |
| 2. A | 15. D |
| 3. C | 16. C |
| 4. D | 17. D |
| 5. D | 18. A |
| 6. C | 19. B |
| 7. B | 20. A |
| 8. C | 21. B |
| 9. A | 22. B |
| 10. D | 23. B |
| 11. C | 24. D |
| 12. B | 25. B |
| 13. D | |

Compare and Order Decimals (through thousandths)

1. Put these numbers in order from least to greatest.

8.35 7.89 8.41 7.90

2. Mr. Gavin's students competed during P.E. to see who could run the 50-yard dash the fastest. The top 4 students are listed in the table below. Which student in Mr. Gavin's class ran the fastest?

Student	Time (in seconds)
Juan	7.408
Devon	8.002
Trey	7.425
LeAnn	8.174

3. Write a number that comes between 3.72 and 4.13.
4. Mrs. Williams was working with a small group of students on comparing decimals. She asked the students to write down a number between 9.054 and 9.183. Carla wrote 9.201. Tom wrote 9.197. Angie wrote 9.024 and Gary wrote 9.095. Who wrote the number correctly?

5. Casey loves to ride his bike. While he was on summer vacation, he rode his bike almost every day. The following chart shows the distance Casey rode during his first week of summer vacation. On which day did Casey ride the shortest distance?

Day	Miles Traveled
Monday	6.1
Tuesday	5.7
Wednesday	5.9
Thursday	5.3
Friday	6.2

6. Write a decimal number that is less than 74.52.
7. Put these numbers in order from greatest to least.

9.703 8.091 8.901 9.005

8. After the storm passed through Houston last week, the total rainfall in four parts of the city was recorded in the table below. According to the table below which area received 3 hundredths of an inch?

Parts of Houston	Amount of Rainfall (in Inches)
North	3.3
South	0.3
East	0.03
West	0.003

9. When comparing 12.009, 11.072, 11.999, and 12.001, which has the greatest value?
10. Write a number that is greater than 0.07 and less than 0.4.
11. Compare 0.39 and 0.09 using $<$, $>$, or $=$.
12. Mrs. Webber asked her math students to draw a line that measured between 12.5 cm and 13.5 cm in length. Write a number that falls between 12.5 cm and 13.5 cm.
13. Dana was asked by her teacher to compare the numbers 149.041 and 149.901. Use $<$, $>$, or $=$ to compare these two numbers.
14. Joe, Mary, Janie and Jeffrey all live close to the beach. The distance each friend lives from the beach is listed in the table below. Which friend lives closest to the beach?

Friend	Distance from the Beach
Joe	3.7 mi.
Mary	4.1 mi.
Janie	3.9 mi.
Jeffrey	3.5 mi.

15. Write a number that is greater than 7.391.

16. Write a number that is less than 25.280.

17. Write a number that is equal to 5.70.

18. Amy had 4 pieces of string that were cut in various lengths. The string lengths are shown below. Put the numbers in order from least to greatest.

407.3	470.8	407.1	470.3
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19. Write a number that is greater than 0.307 and less than 0.591.

20. Write a true statement using the numbers 7.3 and 7.30 and one of the symbols $<$, $>$, or $=$.

21. Which of the numbers 7.095, 10.6, 10.04, or 9.12 has the greatest value?

22. Put these numbers in order from greatest to least.

7.45	17.4	7.5	7.15
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23. Wendy and Todd went on a hiking trip with some friends. Wendy hiked 7.25 miles and Todd hiked 7.5 miles. Write the correct way to compare how far Wendy and Todd hiked using $<$, $>$, or $=$.

24. Write a number that is less than 54.006.

25. Write a number that is equal to 1.3.

**Compare and Order Decimals
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Answer Key**

1. 7.89 7.90 8.35 8.41
2. Juan
3. Answers will vary – numbers between 3.72 and 4.13
4. Gary
5. Thursday
6. Answers will vary – numbers less than 74.52
7. 9.703 9.005 8.901 8.091
8. East
9. 12.009
10. Answers will vary – numbers greater than 0.07 and less than 0.4
11. $0.39 > 0.09$ or $0.09 < 0.39$
12. Answers will vary – numbers between 12.5 cm and 13.5 cm
13. $149.901 > 149.041$ or $149.041 < 149.901$
14. Jeffrey
15. Answers will vary – numbers greater than 7.391
16. Answers will vary – numbers less than 25.280
17. Answers will vary – numbers include 5.7, 5.700, 5.7000...
18. 407.1 407.3 470.3 470.8
19. Answers will vary – numbers greater than 0.307 and less than 0.591
20. $7.3 = 7.30$ or $7.30 = 7.3$
21. 10.6
22. 17.4, 7.5, 7.45, 7.15
23. $7.5 > 7.25$ or $7.25 < 7.5$
24. Answers will vary – numbers less than 54.006
25. Answers will vary – numbers include 1.30, 1.300, 1.3000...