

Decimals

Name _____

Comparing and Ordering Decimals Through Thousandths

SKILLS

For each pair of decimals, write the digits in the place value chart then use $<$ or $>$ to compare them.

1. Compare 24.732 and 24.735.

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		

24.732 _____ 24.735

2. Compare 7.649 and 7.648.

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		

7.649 _____ 7.648

3. Compare 16.034 and 16.037.

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		

16.034 _____ 16.037

4. Compare 9.145 and 9.153.

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		

9.145 _____ 9.153

Compare each pair of decimals using $>$, $<$, or $=$.

5. 6.736 _____ 6.726 6. 5.036 _____ 5.134 7. 12.139 _____ 12.136

8. 7.107 _____ 7.207 9. 19.436 _____ 18.439 10. 8.96 _____ 8.960

Order each set of numbers from least to greatest. Use the place value charts to help you.

11. 3.902, 3.912, 3.801, 3.845

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		
		.		
		.		

_____ $<$ _____ $<$ _____ $<$ _____

12. 0.730, 0.073, 0.370, 0.307

Tens	Ones	Tenths	Hundredths	Thousandths
		.		
		.		
		.		
		.		

_____ $<$ _____ $<$ _____ $<$ _____

13. Which number is less than 4.562?

- a. 4.565 b. 4.56
c. 4.653 d. 4.565

14. Which number is greater than 6.042?

- a. 6.04 b. 6.021
c. 6.141 d. 6.032

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CRITICAL THINKING AND PROBLEM SOLVING

Use the table to answer questions 15–22.

Speed of Animals	
Animal	Speed (kilometers per hour)
Cheetah	112.63
Zebra	64.36
Greyhound	63.314
Squirrel	19.308
Rabbit (domestic)	56.315
Giraffe	51.488
Lion	80.45
Coyote	69.187
Pig (domestic)	17.699
Reindeer	51.488

Source: Infoplease.com Kid's Almanac

15. Which animal is faster?
zebra or greyhound
16. Which animal is faster?
squirrel or pig
17. Which animal is the fastest?

18. Which animal is faster?
coyote or greyhound
19. Which two animals have the same speed?
_____ and _____
20. Which animal is faster?
coyote or lion
22. Name the three fastest animals in order beginning with the fastest.

21. Which animal is faster?
rabbit or reindeer

23. Write a number with three decimal places greater than 0.79 and less than 0.8.

24. Write a number with three decimal places greater than 4.06 and less than 4.1.

25. Write a number with three decimal places greater than 0.05 and less than 0.06.

26. Write a number with three decimal places greater than 4.74 and less than 4.75.

27. Write a number with three decimal places greater than 6.30 and less than 6.31.

28. Write a number with three decimal places greater than 0.65 and less than 0.662.
