Comparing Decimals (Thousandths)

Name: ①

Use '<' , '>' or ' = ' to compare the numbers.

less than <
greater than >

1) 1.2 ____ 1.442
2) 2.2 ____ 2.19
3) 9.6 ____ 9.5
4) 6.21 ____ 6.210
5) 4.7 ____ 1.7
6) 3.682 ____ 3.965
7) 9.91 ____ 9.3
8) 2.1 ____ 2.5
9) 9.0 ____ 8.0
10) 4.235 ____ 4.2
11) 7.7 ____ 7.2
12) 6.264 ____ 6.642
13) 3.177 ____ 3.623
14) 7.516 ____ 7.589
15) 2.9 ____ 2.995
16) 8.53 ____ 8.530
17) 1.59 ____ 1.54
18) 3.395 ____ 3.739
19) 4.6 ____ 4.1
20) 9.176 ____ 9.671

> greater than
< less than
= equal to

Answers

1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____
8. ____
9. ____
10. ____
11. ____
12. ____
13. ____
14. ____
15. ____
16. ____
17. ____
18. ____
19. ____
20. ____

1-10	95	90	85	80	75	70	65	60	55	50

Examining Digit Place Values

Name: 2

Compare the values of each of the digits.

1) 121,233.7
The 2 in the hundreds place is 1/100 ÷100 times the value of the 2 in the ten thousands place.

2) 584,537.4
The 4 in the thousands place is 10000 times the value of the 4 in the tenths place.

3) 72.62
The 2 in the ones place is 100 times the value of the 2 in the hundredths place.

4) 4,345,538.74
The 3 in the tens place is _____ the value of the 3 in the hundred thousands place.

5) 53.31
The 3 in the ones place is _____ the value of the 3 in the tenths place.

6) 99.3
The 9 in the ones place is _____ the value of the 9 in the tens place.

7) 6,289,485.9
The 8 in the tens place is _____ the value of the 8 in the ten thousands place.

8) 5,338.8
The 3 in the tens place is _____ the value of the 3 in the hundreds place.

9) 11,251.354
The 5 in the tens place is _____ the value of the 5 in the hundredths place.

10) 552,466.712
The 2 in the thousands place is _____ the value of the 2 in the thousandths place.

11) 2,493,889.55
The 5 in the tenths place is _____ the value of the 5 in the hundredths place.

12) 1,954,797.914
The 7 in the ones place is _____ the value of the 7 in the hundreds place.

13) 5,831,884.5
The 5 in the millions place is _____ the value of the 5 in the tenths place.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____

1-10	92	85	77	69	62	54	46	38	31	23

Multiplying and Dividing Powers of Ten Name: 3

Solve each problem.

1) $7.1 \div 10^3$

2) 8.143×10^3 1060

3) $965.74 \div 10^2$ 100

4) 321.1×10^2

5) $463.8 \div 10^1$

6) 685.438×10^3

7) $957.95 \div 10^1$

8) 956.72×10^1

9) $2.716 \div 10^1$

10) 1.3×10^3

11) $24.6 \div 10^3$

12) 35.29×10^4

13) $8.5 \div 10^2$

14) 875.5×10^2

15) $84.1 \div 10^2$

16) 49.6×10^2

17) $7.4 \div 10^2$

18) 521.9×10^3

19) $915.316 \div 10^2$

20) 5.7×10^4

1. 0.0071
2. 8,143
3. 9.6574
4. 32,110
5. 46.38
6. 685,438
7. 95.795
8. 9,567.2
9. 0.2716
10. 1,300
11. 0.0246
12. 352,900
13. 0.085
14. 87,550
15. 0.841
16. 4,960
17. 0.074
18. 521,900
19. 9.15316
20. 57,000

Math 3

1-10	95	90	85	80	75	70	65	60	55	50

Rounding Decimals Name:

Round each number to the correct place value.

			Answers
1) Round to the nearest tenth.	855.788	855.8	1.
2) Round to the nearest tenth.	6.429	6.4	2.
3) Round to the nearest hundredth.	5.167	5.17	3.
4) Round to the nearest tenth.	677.827	677.8	4.
5) Round to the nearest whole number.	146.8		5.
6) Round to the nearest hundredth.	98.949		6.
7) Round to the nearest whole number.	9.88		7.
8) Round to the nearest tenth.	33.25		8.
9) Round to the nearest tenth.	16.118		9.
10) Round to the nearest hundredth.	3.827		10.
11) Round to the nearest whole number.	90.1		11.
12) Round to the nearest hundredth.	481.772		12.
13) Round to the nearest whole number.	71.7		13.
14) Round to the nearest tenth.	6.36		14.
15) Round to the nearest hundredth.	534.212		15.
16) Round to the nearest whole number.	2.4		16.
17) Round to the nearest whole number.	71.64		17.
18) Round to the nearest whole number.	45.9		18.
19) Round to the nearest hundredth.	98.244		19.
20) Round to the nearest tenth.	6.49		20.

1-10	95	90	85	80	75	70	65	60	55	50

Adding and Subtracting Decimals

Name: 6

Solve each problem.

1) A scientist was measuring the daily sodium values of different foods. If a soda has 42.59% the daily value and fries have 45.2% the daily value, how much would they have together?

2) Bianca downloaded two apps which were 13.7 kb total. If one app was 3.1 kb, how big was the other app?

3) During a science experiment, Mary found the mass of two rocks to be 36.16 grams and 56.2 grams. What is the total mass of these two rocks?

4) A computer programmer had two files. The first was 35.77 gigabyes and the second was 44.8 gigabytes. What is the total file size of both?

5) A botanist was measuring how tall her plant grew. After two weeks it had grown 12.36 inches. The second week alone it had grown 2.96 inches! How much did it grow the first week?

6) Kaleb was training for a marathon. On his first day he ran 2.3 kilometers. On the second day he ran 2.2 kilometers. How far did he run altogether?

7) A weatherman was measuring the amount of rain two cities received over a week. City A received 9.12 inches while City B received 6.9 inches. How much rain did they get total?

8) Tom weighed the candy he and his brother got from Halloween. Together they received 16.16 kgs of candy. If Tom's amount was 5.66 kg how much was his brothers?

9) Will bought 6.58 lbs of cherry and lime jelly beans for his birthday party. If 3.78 lbs were cherry flavor, how many pounds were lime flavor?

10) Adam and Vanessa were running a relay race. The race was 21.52 kilometers total. If Adam ran 14.72 kilometers how far did Vanessa run?

Answers

1. $87.79
2. 10.6
3. 92.36
4. 80.57
5. 9.4
6. 4.5
7. 16.02
8. 10.5
9. 2.8
10. 6.8

1-10	90	80	70	60	50	40	30	20	10	0