



**Compare the following decimals.**

1.  $13.5584 ? 13.4$

&gt;

2.  $25.479 ? 25.2$

&gt;

3.  $3.3806 ? 2.9766$

&gt;

4.  $3.074 ? 3.401$

&lt;

5.  $4.8553 ? 4.5258$

&gt;

6.  $3.8905 ? 2.0228$

&gt;

7.  $2.7 ? 2$

&gt;

8.  $20.9699 ? 20.3798$

&gt;

9.  $4.6899 ? 2.6871$

&gt;

10.  $9.5912 ? 2.4442$

&gt;

11.  $7.2734 ? 9.3948$

&lt;

12.  $3.7 ? 3$

&gt;

answer
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## Comparing Decimals

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solution Steps**

1)  $13.5584 ? 13.4$

Tens	Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
1	3	.	5	5	8	4
1	3	.	4			

Compare the Tens place ( $1 = 1$ )Compare the Ones place ( $3 = 3$ )Compare the Tenths place ( $5 > 4$ )

2)  $25.479 ? 25.2$

Tens	Ones	Decimal	Tenths	Hundredths	Thousandths
2	5	.	4	7	9
2	5	.	2		

Compare the Tens place ( $2 = 2$ )Compare the Ones place ( $5 = 5$ )Compare the Tenths place ( $4 > 2$ )

3)  $3.3806 ? 2.9766$

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
3	.	3	8	0	6
2	.	9	7	6	6

Compare the Ones place ( $3 > 2$ )

4)  $3.074 ? 3.401$

Ones	Decimal	Tenths	Hundredths	Thousandths
3	.	0	7	4
3	.	4	0	1

Compare the Ones place ( $3 = 3$ )

Compare the Tenths place ( $0 < 4$ )

5)  $4.8553 ? 4.5258$

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
4	.	8	5	5	3
4	.	5	2	5	8

Compare the Ones place ( $4 = 4$ )

Compare the Tenths place ( $8 > 5$ )

6)  $3.8905 ? 2.0228$

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
3	.	8	9	0	5
2	.	0	2	2	8

Compare the Ones place ( $3 > 2$ )

7)  $2.7 ? 2$

Ones	Decimal	Tenths
2	.	7
2	.	

Compare the Ones place ( $2 = 2$ )

Compare the Tenths place ( $7 > -2$ )

8)  $20.9699 ? 20.3798$

Tens	Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
2	0	.	9	6	9	9
2	0	.	3	7	9	8

Compare the Tens place ( $2 = 2$ )

Compare the Ones place ( $0 = 0$ )

Compare the Tenths place ( $9 > 3$ )

9)  $4.6899 ? 2.6871$

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
4	.	6	8	9	9
2	.	6	8	7	1

Compare the Ones place ( $4 > 2$ )

10)  $9.5912 ? 2.4442$

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
9	.	5	9	1	2
2	.	4	4	4	2

Compare the Ones place ( $9 > 2$ )

<sup>11)</sup> 7.2734 ? 9.3948

Ones	Decimal	Tenths	Hundredths	Thousandths	Ten-thousandths
7	.	2	7	3	4
9	.	3	9	4	8

Compare the Ones place ( $7 < 9$ )

<sup>12)</sup> 3.7 ? 3

Ones	Decimal	Tenths
3	.	7
3	.	

Compare the Ones place ( $3 = 3$ )

Compare the Tenths place ( $7 > -2$ )