Comparing Decimals

When **comparing decimals** it best to set the two numbers underneath one another and compare each **place value column.**

Example: Which is larger 0.79 or 0.709 ?

	Units	Decimal Point	Tenths	Hundredths	Thousandths
1st Number	**0**	**.**	**7**	**9**	**0**
2nd Number	**0**	**.**	**7**	**0**	**9**

Now we can **compare** starting with our **largest place value columns** on the left. We can see that the **units** and **tenths columns** are worth the same but our first number has more **hundredths** than our second number. Our first number is the larger of the two. Notice that although there is no zero written after the 9 **hundredths** initially for our first number, we can continue to place zeros after the **last digit** since they all come after the **decimal point.**

Therefore 0.79 > 0.709

Remember A > B means A is larger than B
A < B means A is smaller than B
And A = B means both numbers are worth the same.

Now try comparing these pairs of numbers using the same method. Place the correct symbol in each.

1. 0.07 ◯ 0.74

2. 0.65 ◯ 0.626

3. 0.95 ◯ 0.59

4. 0.906 ◯ 0.096

5. 5.03 ◯ 0.35

6. 0.80 ◯ 0.800

7. 4.83 ◯ 4.853

8. 5.604 ◯ 5.064

9. 43.604 ◯ 34.604

10. 1.02 ◯ 1.020

11. 0.294 ◯ 0.249

12. 0.56 ◯ 0.562

Comparing Fractions – ANSWERS

1.	0.07	<	0.74	2.	0.65	>	0.626
3.	0.95	>	0.59	4.	0.906	>	0.096
5.	5.03	>	0.35	6.	0.80	=	0.800
7.	4.83	<	4.853	8.	5.604	>	5.064
9.	43.604	>	34.604	10.	1.02	=	1.020
11.	0.294	>	0.249	12.	0.56	<	0.562