3.- Rounding Decimals

Rounding Decimals

Rounding decimals consists of rounding a decimal number to a certain number of decimal places, to save time and help us express long numbers in shorter terms. We can round decimals to the nearest wholes, tenths or hundredths, when having exact values isn't important. A rounded number has almost the same value as the original number, but it is a bit less exact.

There are certain rules to follow when rounding a decimal number. Put simply, if the last digit is less than 5, round the previous digit down. However, if it's 5 or more than you should round the previous digit up. So, if the number you are about to round is followed by 5, 6, 7, 8, 9 round the number up. And if it is followed by 0, 1, 2, 3, 4 round the number down.





Round the following numbers to the nearest hundredth.

Original Number			Rounded to the newarest hundredth
1.	8473.2447	=	
2.	1008714.325	=	
3.	746921.7189	=	
4.	0.995	=	
5.	127772.2772	=	