Rounding Decimals Review

To round decimals:	Remember in this number 123.45678:
• Find the place value you want (the "rounding digit"), <u>underline it,</u> and look at the digit just to the right of it. • If that digit is four or less, let it rest. Do not change the <u>underlined</u> digit, but drop all the digits to the right of it. • If that digit is five or more, raise the score. Add one to the <u>underlined</u> digit and drop all digits to the right of it.	**4** is in the tenths place **5** is in the hundredths place **6** is in the thousandths place **7** is in the ten thousandths place **8** is in the hundred-thousandths place

Example: Round 34.5847 to the nearest tenth.

- Underline the rounding digit. **34.<u>5</u>847**
- Look to the right of the underlined digit.
- Since 8 is "5 or more", we raise the score. We add one to 5, and drop all the digits to the right.
- The final rounded answer is 34.6

Directions: For #1-4 below, underline the "rounding digit", then round the number to the indicated place value.

1. 67.4672 to the nearest hundredth _____

2. 8.904623 to the nearest ten thousandth _____

3. 1,296.082 to the nearest tenth_____

4. 98.45555 to the nearest thousandth _____

More Practice:

Starts As	Round to the nearest...	Final Answer
47.5003	Tenths place	
884.04567	Hundredths place	
367.45	Whole number	
98.68	Tenths place	
1009.7549	Thousandths place	
0.733405	Hundred thousandths place	
7.81	Whole number	