



Grade 6

Name: _____

NUMBER SENSE & NUMERATION: ROUNDING AND ESTIMATING

1. Circle the number in column B which is closest to the value in the column A. The second answer has been given.

A	B	
45.203	45.2	45.3
823.44	823	824
958.06	950	960
10 023	10 030	10 050
13 680.71	13 680	13 681
148.51	148.50	148.60
60 002	60 000	60 010
2896.019	2896	2897
9991.095	9900	10 000
7950.389	7900	1000

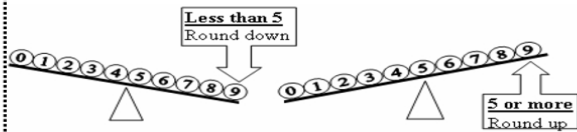
2. Round off each number to the nearest **100th**. The first answer has been given.

513.569	513.57
42.304	
26.074	
399.894	
529.009	
77.811	
3.0301	
4999.998	
91.43006	
3811.39949	

3. Round off each number to the nearest **1000th**. The first answer has been given.

668.3743	668.374
43.9125	
154.5893	
25.69902	
843.0005	
578.00080	
89.890080	
763.00009	
99.9994	
100.9998	

Rule for Rounding off:



An interesting fact



Healthy nails grow about 2 cm each year. Fingernails grow four times as fast as toenails.

4. Round off each number to the nearest **100th**. Then, estimate each answer. For example, $18.675 + 10.908 = 18.68 + 10.91 = 29.59$

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|----------------------------|----------------------------|----------------------------|----------------------------|
| a) $76.788 + 23.001$
= | e) $915.223 - 14.897$
= | i) $555.795 + 46.009$
= | m) $940.739 + 39.199$
= |
| b) $12.708 + 38.014$
= | f) $174.649 - 44.894$
= | j) $807.261 - 37.505$
= | n) $147.896 + 18.243$
= |
| c) $32.506 + 16.087$
= | g) $278.093 - 58.852$
= | k) $234.802 + 36.856$
= | o) $76.846 + 18.380$
= |
| d) $135.021 + 16.815$
= | h) $336.098 - 9.645$
= | l) $87.230 + 93.1403$
= | p) $601.734 + 60.999$
= |

Expectation: i) demonstrate an understanding of rules for rounding and estimation when solving problems involving addition and subtraction