

Round any Whole Number to a Required Degree of Accuracy Worksheet

A. For each of these numbers, fill out the table by rounding the original number to the required degree of accuracy.

Number	Rounded to Nearest Ten	Nearest Hundred	Nearest Thousand	Nearest Ten Thousand	Nearest Hundred Thousand	Nearest Million
5 658 485						
34 745 123						
56 830 879						
50 313						
776 927						
379 298 845						
4 448 529						
99 999 999						

B. The table below shows the results after some numbers have been input into a rounding machine. Can you write a number which **could** have been put in to the machine to achieve the output number?

Output	Function Selected	Possible Input
57 000	Round to nearest thousand	
1 000 000	Round to nearest million	
2 345 890	Round to the nearest ten	
6 450 000	Round to the nearest ten thousand	
77 200 000	Round to the nearest hundred thousand	
680 000 000	Round to the nearest ten million	

Round any Whole Number to a Required Degree of Accuracy Worksheet: Answers

question	answer						
A.							
	Number	Rounded to Nearest Ten	Nearest Hundred	Nearest Thousand	Nearest Ten Thousand	Nearest Hundred Thousand	Nearest Million
	5 658 485	5 658 490	5 658 500	5 658 000	5 660 000	5 700 000	6 000 000
	34 745 123	34 745 120	34 745 100	34 745 000	34 750 000	34 700 000	35 000 000
	56 830 879	56 830 880	56 830 900	56 831 000	56 830 000	56 800 000	57 000 000
	50 313	50 310	50 300	50 000	50 000	100 000	0
	776 927	776 930	776 900	777 000	780 000	800 000	1 000 000
	379 298 845	379 298 850	379 298 800	379 299 000	379 300 000	379 300 000	379 000 000
	4 448 529	4 448 530	4 448 500	4 449 000	4 450 000	4 400 000	4 000 000
	99 999 999	100 000 000	100 000 000	100 000 000	100 000 000	100 000 000	100 000 000
B.							
1	56 500 - 57 499						
2	500 000 - 1 499 999						
3	2 345 885 - 2 345 894						
4	6 445 000 - 6 454 999						
5	77 150 000 - 77 249 999						
6	675 000 000 - 684 999 999						