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