

Multiplying and Dividing Decimals by 10, 100 and 1000 Answer Sheet

Aim: Multiply and Divide decimal numbers by 10, 100 and 1000

Multiply the following numbers by 10, 100 and 1000 to complete the table.

	x 10	x 100	x 1000
5.7	57	570	5700
23.02	230.2	2302	23 020
0.92	9.2	92	920
0.306	3.06	30.6	306
24.67	246.7	2467	24 670

Divide the following numbers by 10, 100 and 1000 to complete the table.

	÷ 10	÷ 100	÷ 1000
43	4.3	0.43	0.043
219	21.9	2.19	0.219
703	70.3	7.03	0.703
64.8	6.48	0.648	0.0648
2560	256	25.6	2.56

Complete the following table.

	x 10	÷ 10	÷ 100
507	5070	50.7	5.07
17.6	176	1.76	0.176
6.3	63	0.63	0.063
203.7	2037	20.37	2.037
1.93	19.3	0.193	0.0193

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Multiply the following numbers by 10, 100 and 1000 to complete the table.

	x 10	x 100	x 1000
4.02	40.2	402	4020
0.045	0.45	4.5	45
34.094	340.94	3409.4	34 094
209.817	2098.17	20 981.7	209 817
0.006	0.06	0.6	6

Divide the following numbers by 10, 100 and 1000 to complete the table.

	÷ 10	÷ 100	÷ 1000
56.9	5.69	0.569	0.0569
209	20.9	2.09	0.209
4.56	0.456	0.0456	0.00456
709.6	70.96	7.096	0.7096
0.072	0.0072	0.00072	0.000072

Complete the following table.

	x 1000	x 10	÷ 100
607	607 000	6070	6.07
4 901	4 901 000	49 010	49.01
0.08	80	0.8	0.0008
17.809	17809	178.09	0.17809
37	37 000	370	0.37

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	$\times 10$	$\times 1000$	$\times 100$
0.003	0.03	3	0.3
1893.852	18 938.52	1 893 852	189 385.2
600.001	6000.01	600 001	60 000.1

Divide the following numbers by 10, 100 and 1000 to complete the table.

	$\div 100$	$\div 1000$	$\div 10$
4.08	0.0408	0.00408	0.408
215.9	2.159	0.2159	21.59
9.99	0.0999	0.00999	0.999
450.04	4.5004	0.45004	45.004

Complete the following table.

	$\div 1000$	$\times 100$	$\div 10$
6.45	0.00645	645	0.645
0.501	0.000501	50.1	0.0501
936	0.936	93 600	93.6
7180	7.18	718 000	718

Complete this table, using your own calculations.

	$\div$	$\times$	$\div$