

MULTIPLYING AND DIVIDING DECIMALS

By powers of 10

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

	x 10	x 100	x 1000
5.7			
23.02			
0.92			
0.306			
24.67			

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

	÷ 10	÷ 100	÷ 1000
43			
219			
703			
64.8			
2560			

BONUS PROBLEM : I

Complete the following table.

	x 10	÷ 10	÷ 100
507			
17.6			
			0.063
	2037		
		0.193	

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

	x 10	x 100	x 1000
4.02			
0.045			
34.094			
209.817			
0.006			

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

	÷ 10	÷ 100	÷ 1000
56.9			
209			
4.56			
709.6			
0.072			

BONUS PROBLEM : II

Complete the following table.

	x 1000	x 10	÷ 100
607			
4 901			
		0.8	
	17 809		
			0.37

10 or 100 times bigger or smaller ? Choose the correct amount ?

- 1) 2.73 is 10times 100 times bigger smaller than 27.3
- 2) 0.147 is 10times 100 times bigger smaller than 1.47
- 3) 54.3 is 10times 100 times bigger smaller than 0.543
- 4) 0.95 is 10times 100 times bigger smaller than 0.095
- 5) 0.704 is 10times 100 times bigger smaller than 70.4

FILL IN THE BLANKS :

- | | |
|---------------------------------|-----------------------------------|
| 1) $1.35 \times 10 =$ _____ | 6) $0.673 \times$ _____ $= 6.73$ |
| 2) $54.3 \div 100 =$ _____ | 7) _____ $\times 100 = 27.5$ |
| 3) $0.651 \times$ _____ $= 651$ | 8) _____ $\div 100 = 0.428$ |
| 4) _____ $\div 1000 = 0.763$ | 9) $3.754 \times$ _____ $= 375.4$ |
| 5) _____ $\div 100 = 0.13$ | 10) $6.827 \div 1000 =$ _____ |

