

Multiplying and dividing decimals

Use the place value help sheet if you need to. Remember when we divide the digits move to the right and when we multiply the digits move to the left. Don't forget 0 where it's needed!

Choose a challenge that suits your level

If you need to refresh your memory, watch these videos:

Multiplying: <https://www.youtube.com/watch?v=S9w4xPKdAAw>

Dividing: https://www.youtube.com/watch?v=Q3kW-UJuV_U

LI: I can divide and multiply whole numbers and decimals by 10

Number <small>Th 100s 10s 1s . th hth</small>	- by 10 <small>100s 10s 1s . th hth</small>	x by 10 <small>1000s 100s 10s 1s . th hth</small>
3 9		
1 0 2		
7 . 6		
5 . 9		
3 0 . 1 2		
0 . 9		
10.11		
6 0 0 . 5		
2 3		
0.4 0 4		
1 2 3		
4.7 8		
2 1 . 9		

0 . 8 1		
1 0 4 . 2		

LI: I can divide and multiply whole numbers and decimals by 100

Number Th 100s 10s 1s . th hth	- by 100 100s 10s 1s . th hth	× by 100 1000s 100s 10s 1s . th hth
3 9		
1 0 2		
7 . 6		
5 . 9		
3 0 . 1 2		
0 . 9		
10.11		
6 0 0 . 5		
2 3		
0.4 0 4		
1 2 3		
4.7 8		
2 1 . 9		
0 . 8 1		
1 0 4 . 2		

LI: I can divide and multiply whole numbers and decimals by 1000

Number Th 100s 10s 1s . th hth	- by 1000 100s 10s 1s . th hth	x by 1000 1000s 100s 10s 1s . th hth
3 9		
1 0 2		
7 . 6		
5 . 9		
3 0 . 1 2		
0 . 9		
10.11		
6 0 0 . 5		
2 3		
0.4 0 4		
1 2 3		
4.7 8		
2 1 . 9		
0 . 8 1		
1 0 4 . 2		