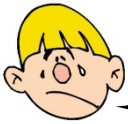# Multiply a decimal fraction by 10 or 100 (1)
Maths worksheets from mathsblog.co.uk

I did what I was told and added a nought, but I got them all wrong! Help!!

Remember these simple rules:

1. To multiply by ten, move each digit one place to the left, including from the tenths to the units, if necessary.

2. The decimal point does not move.

3. To multiply by 100 move each digit two places to the left, including crossing from tenths to tens and hundredths to units, if necessary.

4. 'Add a nought' will just not work: 2.3 x 10 is not 2.30!!!!!!!!!!!!!!!!!!!!!!

5. When writing money make sure you have 2 digits after the decimal point: eg £3.20 not £3.2

Multiply these numbers by 10:

1. 2.4 [ ]   2. 5.6 [ ]   3. 0.7 [ ]   4. 1.9 [ ]

5. 9.3 [ ]   6. 0.4 [ ]   7. 0.05 [ ]   8. 1.01 [ ]

9. £2.56 [ ]   10. £1.07 [ ]   11. £7.01 [ ]   12. £6.60 [ ]

Multiply these numbers by 100:

13. 1.3 [ ]   14. 4.4 [ ]   15. 0.2 [ ]   16. 1.6 [ ]

17. 7.4 [ ]   18. 0.8 [ ]   19. 0.01 [ ]   20. 2.04 [ ]

21. £1.06 [ ]   22. £2.09 [ ]   23. £0.08 [ ]   24. £6.66 [ ]

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Answers

1. 24

2. 56

3. 7

4. 19

5. 93

6. 4

7. 0.5

8. 10.1

9. £25.60

10. £10.70

11. £70.10

12. £66

13. 130

14. 440

15. 20

16. 160

17. 740

18. 80

19. 1

20. 204

21. £106

22. £209

23. £8

24. £666