

Divide a decimal fraction by 10 or 100 (2)

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Just follow the rules below to divide by 10 or 100 'in your head'. Genius!!

Remember these simple rules:

1. To divide by ten, move each digit one place to the right, including from the units to the tenths, if necessary.
2. The decimal point does not move.
3. To divide by 100 move each digit two places to the right, including crossing from tens to tenths or units to hundredths, if necessary.
4. Sometimes you can do away with a zero eg 360 divided by 100 is 3.60 but unless it is money this can be written as 3.6
5. Remember the zero in the units if there are not any eg 0.34 rather than .34 (as .34 could be easily mistaken as 34).

Divide these numbers by 10:

- | | | | | | | | |
|----------|----------------------|-----------|----------------------|-----------|----------------------|--------|----------------------|
| 1. 35 | <input type="text"/> | 2. 87 | <input type="text"/> | 3. 9 | <input type="text"/> | 4. 5 | <input type="text"/> |
| 5. 5.3 | <input type="text"/> | 6. 0.2 | <input type="text"/> | 7. 0.8 | <input type="text"/> | 8. 2.7 | <input type="text"/> |
| 9. £3.40 | <input type="text"/> | 10. £4.00 | <input type="text"/> | 11. £6.20 | <input type="text"/> | 12. £7 | <input type="text"/> |

Divide these numbers by 100:

- | | | | | | | | |
|-----------|----------------------|---------|----------------------|----------|----------------------|---------|----------------------|
| 13. 560 | <input type="text"/> | 14. 840 | <input type="text"/> | 15. 860 | <input type="text"/> | 16. 2 | <input type="text"/> |
| 17. 57 | <input type="text"/> | 18. 9 | <input type="text"/> | 19. 207 | <input type="text"/> | 20. 34 | <input type="text"/> |
| 21. £4.00 | <input type="text"/> | 22. £33 | <input type="text"/> | 23. £432 | <input type="text"/> | 24. £70 | <input type="text"/> |

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Answers

1. 3.5

2. 8.7

3. 0.9

4. 0.5

5. 0.53

6. 0.02

7. 0.08

8. 0.27

9. £0.34

10. £0.40

11. £0.62

12. £0.70

13. 5.6

14. 8.4

15. 8.6

16. 0.02

17. 0.57

18. 0.09

19. 2.07

20. 0.34

21. £0.04

22. £0.33

23. £4.32

24. £0.70