



# Vedic Maths: Multiply by 11

The "add the neighbour" method

AGES 9+ • BEGINNER

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

## How to use this sheet

For a 2-digit number: write the first digit, then the sum of both digits, then the last digit.

Example:  $43 \times 11 \rightarrow 4 \mid 4+3 \mid 3 \rightarrow 473$ . If the middle sum is 10 or more, carry the 1.

Example with carry:  $57 \times 11 \rightarrow 5 \mid 12 \mid 7 \rightarrow 627$ .

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|-----------------------|-----------------------|-----------------------|
| 1. $96 \times 11 =$   | 2. $75 \times 11 =$   | 3. $76 \times 11 =$   |
| 4. $72 \times 11 =$   | 5. $40 \times 11 =$   | 6. $38 \times 11 =$   |
| 7. $94 \times 11 =$   | 8. $22 \times 11 =$   | 9. $59 \times 11 =$   |
| 10. $25 \times 11 =$  | 11. $51 \times 11 =$  | 12. $37 \times 11 =$  |
| 13. $70 \times 11 =$  | 14. $21 \times 11 =$  | 15. $63 \times 11 =$  |
| 16. $48 \times 11 =$  | 17. $19 \times 11 =$  | 18. $67 \times 11 =$  |
| 19. $47 \times 11 =$  | 20. $62 \times 11 =$  | 21. $46 \times 11 =$  |
| 22. $36 \times 11 =$  | 23. $66 \times 11 =$  | 24. $95 \times 11 =$  |
| 25. $274 \times 11 =$ | 26. $244 \times 11 =$ | 27. $702 \times 11 =$ |
| 28. $535 \times 11 =$ | 29. $980 \times 11 =$ | 30. $423 \times 11 =$ |
| 31. $217 \times 11 =$ | 32. $844 \times 11 =$ | 33. $182 \times 11 =$ |
| 34. $279 \times 11 =$ | 35. $941 \times 11 =$ | 36. $267 \times 11 =$ |

## Answer Key — Vedic Maths — Multiplication by 11

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|-----------------|-----------------|-----------------|------------------|------------------|
| 1. <b>1056</b>  | 2. <b>825</b>   | 3. <b>836</b>   | 4. <b>792</b>    | 5. <b>440</b>    |
| 6. <b>418</b>   | 7. <b>1034</b>  | 8. <b>242</b>   | 9. <b>649</b>    | 10. <b>275</b>   |
| 11. <b>561</b>  | 12. <b>407</b>  | 13. <b>770</b>  | 14. <b>231</b>   | 15. <b>693</b>   |
| 16. <b>528</b>  | 17. <b>209</b>  | 18. <b>737</b>  | 19. <b>517</b>   | 20. <b>682</b>   |
| 21. <b>506</b>  | 22. <b>396</b>  | 23. <b>726</b>  | 24. <b>1045</b>  | 25. <b>3014</b>  |
| 26. <b>2684</b> | 27. <b>7722</b> | 28. <b>5885</b> | 29. <b>10780</b> | 30. <b>4653</b>  |
| 31. <b>2387</b> | 32. <b>9284</b> | 33. <b>2002</b> | 34. <b>3069</b>  | 35. <b>10351</b> |
| 36. <b>2937</b> |                 |                 |                  |                  |