



TIMES TABLES

$6\times \cdot 7\times \cdot 8\times \cdot 9\times \cdot 12\times$

Premium Practice Worksheet

Times tables are the foundation of almost everything in GCSE Mathematics — from fractions and algebra to area and ratio. This worksheet focuses on the tables that students find hardest: **$6\times$, $7\times$, $8\times$, $9\times$, and $12\times$** .

Prepared by **Sir Faraz Hassan**, founder of igcsegcsemaths.com. Build speed and confidence through structured practice across three different formats: mixed recall, table grids, and a timed speed challenge.

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Name: _____

Date: _____

Class / Year: _____

Score: _____ / 150

Worksheet Instructions

- This worksheet has **3 sections** with **150 questions** in total.
- **Section A** — Mixed Recall (30 multiplication + 15 division + 15 missing number = 60 questions)
- **Section B** — Table Grids (5 grids × 12 cells = 60 questions)
- **Section C** — Speed Challenge (30 questions, aim for under 2 minutes!)
- **No calculator.** Write answers directly in the spaces provided.
- Answers are provided at the end — use them to mark your work.

Section	Format	Questions	Est. Time	Your Score
A — Mixed Recall	Random questions	60	8 min	
B — Table Grids	Fill in grids	60	5 min	
C — Speed Challenge	Timed test	30	2 min	
Total		150	~15 min	

■ Quick Recall Tips

- **$6 \times 7 = 42$** — one of the most commonly forgotten facts.
- **$7 \times 8 = 56$** — think: 5, 6, 7, 8 → $56 = 7 \times 8$.
- **$8 \times 9 = 72$** — the 9× table digit sum always equals 9.
- **9 × pattern:** 9, 18, 27, 36, 45, 54, 63, 72, 81, 90 — tens go up, units go down.
- **12× trick:** multiply by 10 then add double. E.g. $12 \times 7 = 70 + 14 = 84$.

SECTION A
Mixed Recall

60 questions

Tables: 6×, 7×, 8×, 9×, 12× · Write each answer in the box.

Part 1 — Multiply

- | | | |
|--------------------------|---------------------------|---------------------------|
| 1. $2 \times 6 =$ _____ | 11. $8 \times 6 =$ _____ | 21. $8 \times 4 =$ _____ |
| 2. $7 \times 5 =$ _____ | 12. $8 \times 3 =$ _____ | 22. $7 \times 12 =$ _____ |
| 3. $12 \times 6 =$ _____ | 13. $7 \times 6 =$ _____ | 23. $11 \times 6 =$ _____ |
| 4. $3 \times 12 =$ _____ | 14. $6 \times 12 =$ _____ | 24. $12 \times 5 =$ _____ |
| 5. $6 \times 2 =$ _____ | 15. $9 \times 10 =$ _____ | 25. $6 \times 9 =$ _____ |
| 6. $10 \times 7 =$ _____ | 16. $3 \times 9 =$ _____ | 26. $5 \times 12 =$ _____ |
| 7. $5 \times 12 =$ _____ | 17. $7 \times 12 =$ _____ | 27. $5 \times 6 =$ _____ |
| 8. $12 \times 8 =$ _____ | 18. $2 \times 6 =$ _____ | 28. $8 \times 8 =$ _____ |
| 9. $6 \times 12 =$ _____ | 19. $3 \times 8 =$ _____ | 29. $11 \times 7 =$ _____ |
| 10. $4 \times 6 =$ _____ | 20. $6 \times 8 =$ _____ | 30. $5 \times 8 =$ _____ |

Part 2 — Divide

- | | | |
|--------------------------|--------------------------|-------------------------|
| 31. $108 \div 9 =$ _____ | 36. $96 \div 12 =$ _____ | 41. $18 \div 6 =$ _____ |
| 32. $36 \div 9 =$ _____ | 37. $96 \div 12 =$ _____ | 42. $84 \div 7 =$ _____ |
| 33. $32 \div 8 =$ _____ | 38. $40 \div 8 =$ _____ | 43. $84 \div 7 =$ _____ |
| 34. $70 \div 7 =$ _____ | 39. $70 \div 7 =$ _____ | 44. $99 \div 9 =$ _____ |
| 35. $72 \div 12 =$ _____ | 40. $27 \div 9 =$ _____ | 45. $48 \div 6 =$ _____ |

Part 3 — Missing Number

- | | | |
|--|--|---|
| 46. $9 \times \underline{\hspace{1cm}} = 99$ | 51. $\underline{\hspace{1cm}} \times 6 = 36$ | 56. $12 \times \underline{\hspace{1cm}} = 84$ |
| 47. $\underline{\hspace{1cm}} \times 6 = 72$ | 52. $12 \times \underline{\hspace{1cm}} = 36$ | 57. $6 \times \underline{\hspace{1cm}} = 18$ |
| 48. $6 \times \underline{\hspace{1cm}} = 72$ | 53. $\underline{\hspace{1cm}} \times 11 = 132$ | 58. $\underline{\hspace{1cm}} \times 5 = 40$ |
| 49. $8 \times \underline{\hspace{1cm}} = 24$ | 54. $\underline{\hspace{1cm}} \times 7 = 49$ | 59. $\underline{\hspace{1cm}} \times 11 = 77$ |
| 50. $9 \times \underline{\hspace{1cm}} = 36$ | 55. $\underline{\hspace{1cm}} \times 10 = 120$ | 60. $\underline{\hspace{1cm}} \times 9 = 54$ |

Tip — Division is Reverse Multiplication

If you know $8 \times 9 = 72$, then you also know $72 \div 8 = 9$ and $72 \div 9 = 8$. Every multiplication fact gives you two division facts for free!

SECTION B

Table Grids

60 questions

Complete each grid. Every cell = row header × column header.

6× Table

×	1	2	3	4	5	6
6						
×	7	8	9	10	11	12
6						

7× Table

×	1	2	3	4	5	6
7						
×	7	8	9	10	11	12
7						

8× Table

×	1	2	3	4	5	6
8						
×	7	8	9	10	11	12
8						

9× Table

×	1	2	3	4	5	6
9						
×	7	8	9	10	11	12
9						

12× Table

×	1	2	3	4	5	6
12						
×	7	8	9	10	11	12
12						

SECTION C

Speed Challenge

30 questions

■ **Target time: 2 minutes.** Answer as many as you can. Record your time below.

Start time: _____ End time: _____ Total time: _____

- | | | |
|---------------------------|----------------------------|----------------------------|
| 1. $8 \times 12 =$ _____ | 11. $8 \times 9 =$ _____ | 21. $9 \times 9 =$ _____ |
| 2. $7 \times 7 =$ _____ | 12. $8 \times 6 =$ _____ | 22. $7 \times 9 =$ _____ |
| 3. $6 \times 11 =$ _____ | 13. $12 \times 7 =$ _____ | 23. $7 \times 9 =$ _____ |
| 4. $6 \times 9 =$ _____ | 14. $7 \times 12 =$ _____ | 24. $7 \times 6 =$ _____ |
| 5. $6 \times 7 =$ _____ | 15. $12 \times 8 =$ _____ | 25. $12 \times 11 =$ _____ |
| 6. $6 \times 6 =$ _____ | 16. $6 \times 12 =$ _____ | 26. $9 \times 12 =$ _____ |
| 7. $8 \times 11 =$ _____ | 17. $9 \times 11 =$ _____ | 27. $7 \times 8 =$ _____ |
| 8. $6 \times 8 =$ _____ | 18. $8 \times 8 =$ _____ | 28. $12 \times 6 =$ _____ |
| 9. $9 \times 12 =$ _____ | 19. $12 \times 12 =$ _____ | 29. $9 \times 6 =$ _____ |
| 10. $12 \times 9 =$ _____ | 20. $8 \times 7 =$ _____ | 30. $7 \times 11 =$ _____ |

Speed Challenge Score: _____ / 30 Rating: ■ Under 2 min ■ 2–3 min ■ Over 3 min

■ **Exam Tip — Why Times Tables Matter**

In your GCSE exam, you won't have time to work out 7×8 from scratch. Instant recall of times tables frees up your working memory for the harder parts of a question. Aim to answer any table fact in under 3 seconds.

ANSWERS

Answer Key

Section A — Part 1: Multiply

- | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|
| 1. $2 \times 6 = 12$ | 11. $8 \times 6 = 48$ | 21. $8 \times 4 = 32$ | 2. $7 \times 5 = 35$ | 12. $8 \times 3 = 24$ |
| 22. $7 \times 12 = 84$ | 3. $12 \times 6 = 72$ | 13. $7 \times 6 = 42$ | 23. $11 \times 6 = 66$ | 4. $3 \times 12 = 36$ |
| 14. $6 \times 12 = 72$ | 24. $12 \times 5 = 60$ | 5. $6 \times 2 = 12$ | 15. $9 \times 10 = 90$ | 25. $6 \times 9 = 54$ |
| 6. $10 \times 7 = 70$ | 16. $3 \times 9 = 27$ | 26. $5 \times 12 = 60$ | 7. $5 \times 12 = 60$ | 17. $7 \times 12 = 84$ |
| 27. $5 \times 6 = 30$ | 8. $12 \times 8 = 96$ | 18. $2 \times 6 = 12$ | 28. $8 \times 8 = 64$ | 9. $6 \times 12 = 72$ |
| 19. $3 \times 8 = 24$ | 29. $11 \times 7 = 77$ | 10. $4 \times 6 = 24$ | 20. $6 \times 8 = 48$ | 30. $5 \times 8 = 40$ |

Section A — Part 2: Divide

- | | | | | |
|-----------------------|----------------------|----------------------|----------------------|----------------------|
| 31. $108 \div 9 = 12$ | 36. $96 \div 12 = 8$ | 41. $18 \div 6 = 3$ | 32. $36 \div 9 = 4$ | 37. $96 \div 12 = 8$ |
| 42. $84 \div 7 = 12$ | 33. $32 \div 8 = 4$ | 38. $40 \div 8 = 5$ | 43. $84 \div 7 = 12$ | 34. $70 \div 7 = 10$ |
| 39. $70 \div 7 = 10$ | 44. $99 \div 9 = 11$ | 35. $72 \div 12 = 6$ | 40. $27 \div 9 = 3$ | 45. $48 \div 6 = 8$ |

Section A — Part 3: Missing Number

- | | | | | |
|------------|------------|------------|------------|-----------|
| 46. $= 11$ | 51. $= 6$ | 56. $= 7$ | 47. $= 12$ | 52. $= 3$ |
| 57. $= 3$ | 48. $= 12$ | 53. $= 12$ | 58. $= 8$ | 49. $= 3$ |
| 54. $= 7$ | 59. $= 7$ | 50. $= 4$ | 55. $= 12$ | 60. $= 6$ |

Section B — Table Grids

6x: $6 \times 1 = 6$, $6 \times 2 = 12$, $6 \times 3 = 18$, $6 \times 4 = 24$, $6 \times 5 = 30$, $6 \times 6 = 36$, $6 \times 7 = 42$, $6 \times 8 = 48$, $6 \times 9 = 54$, $6 \times 10 = 60$, $6 \times 11 = 66$, $6 \times 12 = 72$
7x: $7 \times 1 = 7$, $7 \times 2 = 14$, $7 \times 3 = 21$, $7 \times 4 = 28$, $7 \times 5 = 35$, $7 \times 6 = 42$, $7 \times 7 = 49$, $7 \times 8 = 56$, $7 \times 9 = 63$, $7 \times 10 = 70$, $7 \times 11 = 77$, $7 \times 12 = 84$
8x: $8 \times 1 = 8$, $8 \times 2 = 16$, $8 \times 3 = 24$, $8 \times 4 = 32$, $8 \times 5 = 40$, $8 \times 6 = 48$, $8 \times 7 = 56$, $8 \times 8 = 64$, $8 \times 9 = 72$, $8 \times 10 = 80$, $8 \times 11 = 88$, $8 \times 12 = 96$
9x: $9 \times 1 = 9$, $9 \times 2 = 18$, $9 \times 3 = 27$, $9 \times 4 = 36$, $9 \times 5 = 45$, $9 \times 6 = 54$, $9 \times 7 = 63$, $9 \times 8 = 72$, $9 \times 9 = 81$, $9 \times 10 = 90$, $9 \times 11 = 99$, $9 \times 12 = 108$
12x: $12 \times 1 = 12$, $12 \times 2 = 24$, $12 \times 3 = 36$, $12 \times 4 = 48$, $12 \times 5 = 60$, $12 \times 6 = 72$, $12 \times 7 = 84$, $12 \times 8 = 96$, $12 \times 9 = 108$, $12 \times 10 = 120$, $12 \times 11 = 132$, $12 \times 12 = 144$

Section C — Speed Challenge

- | | | | | |
|--------------------------|------------------------|-------------------------|------------------------|--------------------------|
| 1. $8 \times 12 = 96$ | 11. $8 \times 9 = 72$ | 21. $9 \times 9 = 81$ | 2. $7 \times 7 = 49$ | 12. $8 \times 6 = 48$ |
| 22. $7 \times 9 = 63$ | 3. $6 \times 11 = 66$ | 13. $12 \times 7 = 84$ | 23. $7 \times 9 = 63$ | 4. $6 \times 9 = 54$ |
| 14. $7 \times 12 = 84$ | 24. $7 \times 6 = 42$ | 5. $6 \times 7 = 42$ | 15. $12 \times 8 = 96$ | 25. $12 \times 11 = 132$ |
| 6. $6 \times 6 = 36$ | 16. $6 \times 12 = 72$ | 26. $9 \times 12 = 108$ | 7. $8 \times 11 = 88$ | 17. $9 \times 11 = 99$ |
| 27. $7 \times 8 = 56$ | 8. $6 \times 8 = 48$ | 18. $8 \times 8 = 64$ | 28. $12 \times 6 = 72$ | 9. $9 \times 12 = 108$ |
| 19. $12 \times 12 = 144$ | 29. $9 \times 6 = 54$ | 10. $12 \times 9 = 108$ | 20. $8 \times 7 = 56$ | 30. $7 \times 11 = 77$ |