

9 Multiplication Table

The 9s, 9×1 to 9×12

Read each fact out loud, cover the answers and say them again, then use the tip below.

$$9 \times 1 = 9$$

$$9 \times 2 = 18$$

$$9 \times 3 = 27$$

$$9 \times 4 = 36$$

$$9 \times 5 = 45$$

$$9 \times 6 = 54$$

$$9 \times 7 = 63$$

$$9 \times 8 = 72$$

$$9 \times 9 = 81$$

$$9 \times 10 = 90$$

$$9 \times 11 = 99$$

$$9 \times 12 = 108$$

Count by 9s

9

18

27

36

45

54

63

72

81

90

99

108

PATTERN TIP FOR THE 9S

The finger trick

Hold up 10 fingers and fold down the one you are multiplying by (for 9×4 , the 4th finger). Fingers left of the fold are tens, fingers to the right are ones: 3 and 6 make 36. Up to 9×10 , the digits of every answer add up to 9.

Turnaround facts: $9 \times 3 = 27$ and $3 \times 9 = 27$. Know one and you know both.

9 Times Table Practice

36 problems

Name _____ Date _____

Score _____ / 36

A. Multiply Every 9s fact, both ways round, mixed up (plus one zero fact).

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|---------------------------|--------------------------|---------------------------|--------------------------|
| 1. $7 \times 9 =$ _____ | 2. $9 \times 2 =$ _____ | 3. $9 \times 10 =$ _____ | 4. $2 \times 9 =$ _____ |
| 5. $5 \times 9 =$ _____ | 6. $4 \times 9 =$ _____ | 7. $9 \times 6 =$ _____ | 8. $1 \times 9 =$ _____ |
| 9. $9 \times 12 =$ _____ | 10. $9 \times 5 =$ _____ | 11. $9 \times 9 =$ _____ | 12. $3 \times 9 =$ _____ |
| 13. $12 \times 9 =$ _____ | 14. $9 \times 4 =$ _____ | 15. $9 \times 11 =$ _____ | 16. $9 \times 8 =$ _____ |
| 17. $6 \times 9 =$ _____ | 18. $8 \times 9 =$ _____ | 19. $10 \times 9 =$ _____ | 20. $9 \times 3 =$ _____ |
| 21. $11 \times 9 =$ _____ | 22. $0 \times 9 =$ _____ | 23. $9 \times 7 =$ _____ | 24. $9 \times 1 =$ _____ |

B. Find the missing number

- | | | |
|-----------------------------|------------------------------|-----------------------------|
| 25. _____ $\times 9 = 45$ | 26. $9 \times$ _____ $= 108$ | 27. _____ $\times 9 = 90$ |
| 28. $9 \times$ _____ $= 72$ | 29. _____ $\times 9 = 81$ | 30. $9 \times$ _____ $= 27$ |
| 31. _____ $\times 9 = 99$ | 32. $9 \times$ _____ $= 54$ | 33. _____ $\times 9 = 18$ |

C. Word problems

34. A baseball team puts 9 players on the field. How many players do 12 teams put on the field?

Answer _____ players

35. A baker packs 9 muffins in each box. How many muffins fit in 7 boxes?

Answer _____ muffins

36. 81 crayons are shared equally by 9 friends. How many crayons does each friend get?

Answer _____ crayons

A. Multiply

- | | | | |
|-----------------------|------------------------|-------------------------|------------------------|
| 1. $7 \times 9 = 63$ | 7. $9 \times 6 = 54$ | 13. $12 \times 9 = 108$ | 19. $10 \times 9 = 90$ |
| 2. $9 \times 2 = 18$ | 8. $1 \times 9 = 9$ | 14. $9 \times 4 = 36$ | 20. $9 \times 3 = 27$ |
| 3. $9 \times 10 = 90$ | 9. $9 \times 12 = 108$ | 15. $9 \times 11 = 99$ | 21. $11 \times 9 = 99$ |
| 4. $2 \times 9 = 18$ | 10. $9 \times 5 = 45$ | 16. $9 \times 8 = 72$ | 22. $0 \times 9 = 0$ |
| 5. $5 \times 9 = 45$ | 11. $9 \times 9 = 81$ | 17. $6 \times 9 = 54$ | 23. $9 \times 7 = 63$ |
| 6. $4 \times 9 = 36$ | 12. $3 \times 9 = 27$ | 18. $8 \times 9 = 72$ | 24. $9 \times 1 = 9$ |

B. Find the missing number

- | | | |
|---------------------------------------|------------------------------------|--------------------------------------|
| 25. 5 ($5 \times 9 = 45$) | 28. 8 ($9 \times 8 = 72$) | 31. 11 ($11 \times 9 = 99$) |
| 26. 12 ($9 \times 12 = 108$) | 29. 9 ($9 \times 9 = 81$) | 32. 6 ($9 \times 6 = 54$) |
| 27. 10 ($10 \times 9 = 90$) | 30. 3 ($9 \times 3 = 27$) | 33. 2 ($2 \times 9 = 18$) |

C. Word problems

34. **108 players** ($12 \times 9 = 108$)
35. **63 muffins** ($7 \times 9 = 63$)
36. **9 crayons** ($81 \div 9 = 9$)