

All Math Tricks (HW)

Q. Solve the following:-

1.
$$\begin{array}{r} 78 \\ \times 69 \\ \hline \\ \hline \end{array}$$

2. $\sqrt{18769} =$

3.
$$\begin{array}{r} 105 \\ \times 95 \\ \hline \\ \hline \end{array}$$

4.
$$\begin{array}{r} 357 \\ \times 135 \\ \hline \\ \hline \end{array}$$

5. $42 \times 15 =$

6. $\frac{9}{29} =$

$$7. \quad 36 \times 375 =$$

$$8. \quad 49 \times 11 =$$

$$9. \quad \sqrt[3]{117649} =$$

$$10. \quad 67899876 \times 11 =$$

$$11. \quad 325^2 =$$

$$12. \quad \begin{array}{r} 113 \\ \times 117 \\ \hline \hline \end{array}$$

$$13. \quad \begin{array}{r} 47 \\ \times 83 \\ \hline \hline \end{array}$$

$$14. \quad \sqrt{16641} =$$

$$15. \quad \begin{array}{r} 88 \\ \times 98 \\ \hline \hline \end{array}$$

$$16. \quad \begin{array}{r} 246 \\ \times 468 \\ \hline \hline \end{array}$$

$$17. 68 \times 750 =$$

$$18. \frac{34}{39} =$$

$$19. 7834 \times 15 =$$

$$20. 97 \times 11 =$$

$$21. \sqrt[3]{300763} =$$

$$22. 375^2 =$$

$$23. 98769876 \times 11 \\ =$$

$$24. \begin{array}{r} 66 \\ \times 64 \\ \hline \hline \end{array}$$

$$25. \begin{array}{r} 39 \\ \times 97 \\ \hline \hline \end{array}$$

$$26. \sqrt{38809} =$$

$$\begin{array}{r} 27. \quad 97 \\ \times 112 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 876 \\ \times 321 \\ \hline \\ \hline \end{array}$$

$$29. \quad 9876 \times 15 \\ =$$

$$30. \quad \frac{55}{69} =$$

$$31. \quad 98 \times 650 \\ =$$

$$32. \quad 87 \times 11 =$$

$$33. \quad \sqrt[3]{804357} =$$

$$34. \quad 235^2 =$$

$$35. \quad 74683549 \times 11 \\ =$$

$$\begin{array}{r} 36. \quad 129 \\ \times 121 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 37. \quad 93 \\ \times 47 \\ \hline \\ \hline \end{array}$$

$$38. \quad \sqrt{27889} \\ =$$

$$\begin{array}{r} 39. \quad 99 \\ \times 111 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 40. \quad 642 \\ \times 738 \\ \hline \\ \hline \end{array}$$

$$41. \quad 8462 \times 15 =$$

$$42. \quad \frac{37}{89} =$$

$$43. \quad 76 \times 425 =$$

$$44. \quad 79 \times 11 =$$

$$45. \quad \sqrt[3]{658503} =$$

$$46. \quad 435^2 =$$

$$47. \quad 99887766 \times 11 \\ =$$

$$48. \quad \begin{array}{r} 53 \\ \times 57 \\ \hline \\ \hline \end{array}$$

$$49. \quad \begin{array}{r} 79 \\ \times 68 \\ \hline \\ \hline \end{array}$$

$$50. \quad \sqrt{34596} \\ =$$

$$51. \quad \begin{array}{r} 79 \\ \times 89 \\ \hline \\ \hline \end{array}$$

$$52. \quad \begin{array}{r} 567 \\ \times 789 \\ \hline \\ \hline \end{array}$$

$$53. \quad 34567800 \times 15 \\ =$$

$$54. \quad \frac{87}{89} =$$

$$55. \quad 86 \times 950 =$$

$$56. \quad 86 \times 11 =$$

$$57. \sqrt[3]{1860867} =$$

$$58. 975^2 =$$

$$59. 7989996959 \times 11 =$$

$$60. \begin{array}{r} 124 \\ \times 126 \\ \hline \end{array}$$

$$61. \begin{array}{r} 332 \\ \times 14 \\ \hline \end{array}$$

$$62. \begin{array}{r} 365 \\ \times 71 \\ \hline \end{array}$$

$$63. (13)^3 =$$

$$64. \sqrt{27} =$$

$$65. (47)^2 =$$

$$66. (76)^2 =$$

$$67. \begin{array}{r} 26 \\ \times 86 \\ \hline \end{array}$$

$$68. \frac{287}{99} =$$

$$69. \quad 1+2+3+\dots+25 \\ =$$

$$71. \quad 1^3+2^3+3^3+\dots+25^3 \\ =$$

$$73. \quad \begin{array}{r} 679 \\ \times 91 \\ \hline \hline \end{array}$$

$$75. \quad \sqrt{47} =$$

$$77. \quad (69)^2 =$$

$$79. \quad \frac{593}{99} =$$

$$70. \quad 1^2+2^2+3^2+\dots+25^2 \\ =$$

$$72. \quad \begin{array}{r} 456 \\ \times 25 \\ \hline \hline \end{array}$$

$$74. \quad (23)^3 =$$

$$76. \quad (56)^2 =$$

$$78. \quad \begin{array}{r} 48 \\ \times 68 \\ \hline \hline \end{array}$$

$$80. \quad 1+2+3+\dots+50 \\ =$$

$$81. \quad 1^2 + 2^2 + 3^2 + \dots + 50^2 \\ =$$

$$83. \quad \begin{array}{r} 3689 \\ \times 26 \\ \hline \hline \end{array}$$

$$85. \quad (37)^3 =$$

$$87. \quad (49)^2 =$$

$$89. \quad \begin{array}{r} 67 \\ \times 47 \\ \hline \hline \end{array}$$

$$91. \quad 1 + 2 + 3 + \dots + 200 \\ =$$

$$93. \quad 1^3 + 2^3 + 3^3 + \dots + 200^3 \\ =$$

$$82. \quad 1^3 + 2^3 + 3^3 + \dots + 50^3 \\ =$$

$$84. \quad \begin{array}{r} 8795 \\ \times 81 \\ \hline \hline \end{array}$$

$$86. \quad \sqrt{68} =$$

$$88. \quad (99)^2 =$$

$$90. \quad \frac{781}{99} =$$

$$92. \quad 1^2 + 2^2 + 3^2 + \dots + 200^2 \\ =$$

$$94. \quad \begin{array}{r} 8798976 \\ \times 18 \\ \hline \hline \end{array}$$

$$95. \begin{array}{r} 6987597 \\ \times 51 \\ \hline \hline \end{array}$$

$$97. \sqrt{365} =$$

$$99. (168)^2 =$$

$$101. \frac{927}{99} =$$

$$103. 1^2 + 2^2 + 3^2 + \dots + 125^2 =$$

$$105. \begin{array}{r} 93789875 \\ \times 19 \\ \hline \hline \end{array}$$

$$107. (18)^3 =$$

$$96. (46)^3 =$$

$$98. (52)^2 =$$

$$100. \begin{array}{r} 53 \\ \times 53 \\ \hline \hline \end{array}$$

$$102. 1 + 2 + 3 + \dots + 125 =$$

$$104. 1^3 + 2^3 + 3^3 + \dots + 125^3 =$$

$$106. \begin{array}{r} 79876548 \\ \times 61 \\ \hline \hline \end{array}$$

$$108. \sqrt{481} =$$

$$109. (58)^2 =$$

$$110. (223)^2 =$$

$$111. \begin{array}{r} 98 \\ \times 18 \\ \hline \\ \hline \end{array}$$

$$112. \frac{687}{99} =$$

$$113. 1+2+3+\dots+75 \\ =$$

$$114. 1^2+2^2+3^2+\dots+75^2 \\ =$$

$$115. 1^3+2^3+3^3+\dots+75^3 \\ =$$

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