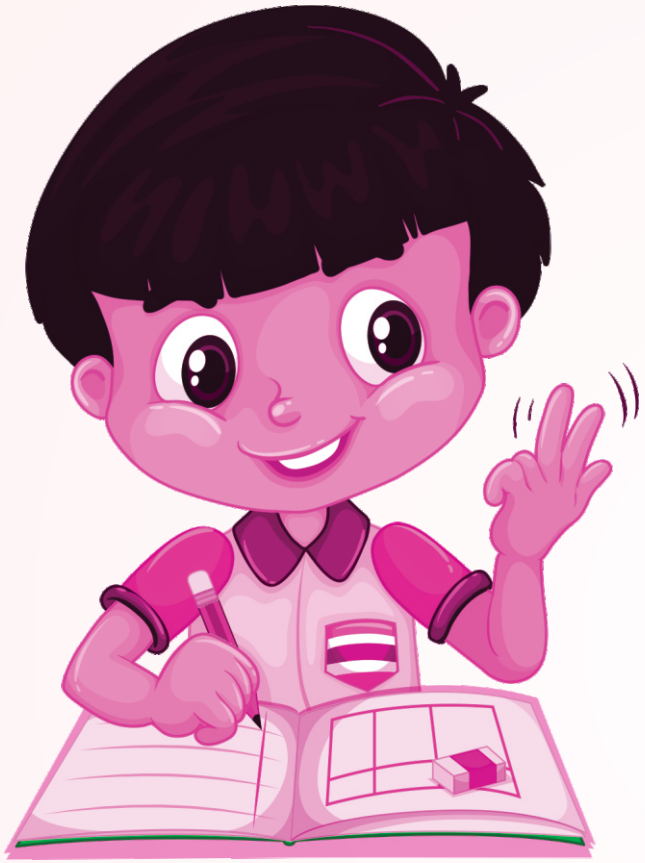
VEDIC MATHEMATICS

PRACTICE SET

LEVEL 2

MATH-SCIENCE DEARS



VEDIC MATHS

Level - 2

Student's Name .....

Father's Name .....

Address .....

Contact No. .....

Syllabus

MATH-SCIENCE DEARS

Multiplication of Series 9's (Equal No's)

99 X 76 =	99 X 77 =	99 X 52 =	99 X 67 =	99 X 12 =
99 X 13 =	99 X 29 =	99 X 33 =	99 X 92 =	99 X 26 =
99 X 76 =	99 X 77 =	99 X 52 =	99 X 67 =	99 X 12 =
99 X 76 =	99 X 77 =	99 X 52 =	99 X 67 =	99 X 13 =

Multiplication of Series 9's (Equal No's)

999 X 432 =	999 X 444 =	999 X 765 =	999 X 987 =	999 X 418 =
999 X 321 =	999 X 869 =	999 X 111 =	999 X 121 =	999 X 631 =
999 X 664 =	999 X 955 =	999 X 597 =	999 X 478 =	999 X 612 =
999 X 745 =	999 X 769 =	999 X 881 =	999 X 338 =	999 X 657 =

Multiplication of Series 9's (Equal No's)

9999 X 7683	9999 X 9774	9999 X 5279	9999 X 6787	9999 X 1543
9999 X 7312	9999 X 5632	9999 X 6313	9999 X 1324	9999 X 6324
99999 X 76836	99999 X 97749	99999 X 52792	99999 X 67871	9999 X 1543
99999 X 67683	99999 X 97747	99999 X 52798	99999 X 67875	99999 X 15436

Multiplication of Series 9's (Equal No's)

9999 X 16	9999 X 28	9999 X 82	9999 X 71	9999 X 42
9999 X 13	9999 X 33	9999 X 77	9999 X 65	9999 X 69
9999 X 136	9999 X 335	9999 X 787	9999 X 657	9999 X 695
99999 X 1365	99999 X 3356	99999 X 7872	99999 X 6579	99999 X 6954

Magic Multiplication Of 9' s (Less Number)

99 X 512	99 X 432	99 X 872	99 X 657	99 X 854
99 X 369	99 X 437	99 X 563	99 X 132	99 X 693
99 X 4512	99 X 4372	99 X 8672	99 X 5657	99 X 8547
999 X 4352	999 X 6453	999 X 9876	999 X 5634	999 X 6765

Magic Multiplication Of Series Of 9' s (Less Number)

99999 X 516512	99999 X 438243	99999 X 872547	99999 X 657548	99999 X 85465
99999 X 435342	99999 X 643243	99999 X 436441	99999 X 854659	99999 X 345328
99999 X 5151652	99999 X 4324356	99999 X 8725432	99999 X 6575492	99999 X 8565465

Multiplication By (12,13,14, ... 19)

1212 X 12	6345 X 12	9347 X 12	4231 X 12	6347 X 12
64932 X 12	47222 X 12	87563 X 12	97465 X 12	95457 X 12
876562 X 12	875446 X 12	598322 X 12	865320 X 12	984722 X 12
4323 X 13	5352 X 13	5376 X 13	6486 X 13	7563 X 13

Multiplication By (12,13,14, ... 19)

98769 X 13	65432 X 13	98123 X 13	98456 X 13	67567 X 13
6568 X 14	8667 X 14	9812 X 14	9123 X 14	9234 X 14
91234 X 14	65456 X 14	76568 X 14	85692 X 14	98753 X 14
464378 X 14	876123 X 14	987878 X 14	886734 X 14	912834 X 14

Multiplication By (12,13,14, ... 19)

6298 X 15	8462 X 15	9287 X 15	9371 X 15	8354 X 15
89567 X 15	94675 X 15	91347 X 15	76564 X 15	12823 X 15
576775 X 15	847534 X 15	987681 X 15	94621 X 15	927737 X 15
2105 X 16	9371 X 16	8787 X 16	9287 X 16	8767 X 16

Multiplication By (12,13,14, ... 19)

92932 X 16	75632 X 16	88664 X 16	22323 X 16	85329 X 16
234433 X 16	89969 X 16	957434 X 16	998898 X 16	756323 X 16
6127 X 17	7656 X 17	9344 X 17	7456 X 17	3434 X 17
34341 X 17	98999 X 17	83453 X 17	89894 X 17	45455 X 17

Multiplication By (12,13,14, ... 19)

4543 X 18	7112X 18	9798 X 18	9232 X 18	8777 X 18
54568 X 18	98783 X 18	56538 X 18	76756 X 18	95457 X 18
7452 X 19	6564 X 19	8789 X 19	8777 X 19	9911 X 19
32154 X 19	67543 X 19	64398 X 19	63813 X 19	64826 X 19

Multiplication By (21,31,41, ... 91)

1245 X 21	7745 X 21	9347 X 21	4231 X 21	8766 X 21
64938 X 21	48977 X 21	87563 X 21	87846 X 21	95557 X 21
871654 X 21	876231 X 21	788322 X 21	868920 X 21	392968 X 21
4365 X 31	6352 X 31	5786 X 31	5486 X 31	7563 X 31

Multiplication By (21,31,41, ... 91)

6342 X 51	6452 X 51	7232 X 51	9875 X 51	87653 X 51
98337 X 51	64221 X 51	73543 X 51	84372 X 51	38264 X 51
3241 X 61	6431 X 61	5764 X 61	6357 X 61	6751 X 61
62163 X 61	43811 X 61	84292 X 61	94212 X 61	82419 X 61

Multiplication By (21,31,41, ... 91)

43452 X 31	76777 X 31	87905 X 31	81234 X 31	87653 X 31
6878 X 41	7986 X 41	4543 X 41	9123 X 41	9457 X 41
78922 X 41	44933 X 41	56323 X 41	65433 X 41	33213 X 41
888688 X 41	867432 X 41	822336 X 41	764392 X 41	874325 X 41

Multiplication By (21,31,41, ... 91)

6428 X 91	3469 X 91	2379 X 91	6342 X 91	9345 X 91
7129 X 91	6482 X 91	4343 X 91	8742 X 91	4673 X 91
91638 X 91	64381 X 91	73240 X 91	43824 X 91	34731 X 91
976542 X 91	573271 X 91	764320 X 91	753219 X 91	727532 X 91

Multiplication By (21,31,41, ... 91)

2342 X 71	6322 X 71	3286 X 71	8321 X 71	1268 X 71
41231 X 71	92328 X 71	72181 X 71	82138 X 71	98683 X 71
7238 X 81	2949 X 81	9341 X 81	8462 X 61	1284 X 81
72242 X 81	84622 X 81	34582 X 81	89232 X 81	27841 X 81

Multiplication Of Number Nearest to Base Number

Base 10: (-10) (Less Base)

9 X 3	9 X 7	6 X 3	5 X 6	2 X 8	7 X 6	9 X 8

More Base (10)

11 X13	15 X 14	13 X 18	19 X 11	15 X 17	12 X 17
16 X 14	18 X 16	15 X 14	19 X 13	18 X 19	12 X 13

Less Base(-100)

93 X 97	98 X 99	97 X 91	92 X 96	95 X 93	98 X 93
94 X 99	97 X 92	96 X 96	99 X 96	96 X 97	97 X 95
75 X 82	95 X 73	92 X 81	80 X 70	76 X 83	78 X 83
88 X 92	89 X 96	95 X 87	97 X 86	79 X 87	99 X 84

Less Base(-200, -300, -500)

196 X 199	197 X 193	196 X 195	198 X 193	194 X 199
199 X 189	196 X 187	183 X 197	181 X 188	189 X 188
298 X 299	296 X 294	293 X 297	298 X 296	299 X 288

More Base(+100)

102 X 103	101 X 101	105 X 104	104 X 106	109 X 107
109 X 113	106 X 109	119 X 102	120 X 101	129 X 132
105 X 105	106 X 107	108 X 109	106 X 103	108 X 105
111 X 103	112 X 105	117 X 111	115 X 116	123 X 118

Less Base(-200, -300, -500)

488 X 497	496 X 486	453 X 497	496 X 489	472 X 486
463 X 474	438 X 451	475 X 425	498 X 472	473 X 485
385 X 384	345 X 375	363 X 365	379 X 337	388 X 377

More Base (200, 300, 500)

202 X 203 ☐	201 X 201 ☐	205 X 204 ☐	204 X 206 ☐	209 X 207 ☐
288 X 297 ☐	282 X 296 ☐	299 X 289 ☐	210 X 211 ☐	216 X 211 ☐
301 X 309 ☐	307 X 304 ☐	308 X 306 ☐	309 X 311 ☐	312 X 107 ☐

Less Base(-200, -300, -500)

298 X 299 =	296 X 294 =	293 X 297 =	298 X 296 =	299 X 288 =
398 X 399 =	396 X 394 =	393 X 397 =	398 X 396 =	399 X 388 =
388 X 397 =	396 X 387 =	383 X 397 =	398 X 380 =	373 X 386 =

More Base (200, 300, 500)

312 X 319	314 X 322	316 X 321	316 X 309	303 X 333
409 X 407	403 X 410	405 X 414	423 X 416	409 X 417
502 X 533	509 X 513	526 X 523	525 X 515	523 X 512

Less Base (-1000)

999 X 996	992 X 998	995 X 993	998 X 991	993 X 982
988 X 987	984 X 995	965 X 903	974 X 991	993 X 942
969 X 976	972 X 978	975 X 999	990 X 951	995 X 986

More Base (1000)

1001 X 1003	1009 X 1004	1008 X 1007	1004 X 1006	1009 X 1006
1011 X 1002	1012 X 1005	1008 X 1022	1014 X 1016	1009 X 1019
1031 X 1031	1021 X 1017	1038 X 1007	1024 X 1016	1039 X 1006

More Base (above +2000 +3000)

2001 X 2003	2009 X 2005	2006 X 2007	2004 X 2016	2009 X 2016
3006 X 1007	3009 X 3008	3012 X 3012	3014 X 3011	3029 X 3006
2031 X 1043	3059 X 3084	3068 X 3027	2024 X 3036	3079 X 3066

Less Base (-2000 -3000)

1991 X 1993	1999 X 1994	1988 X 1997	1994 X 1986	1979 X 1996
2991 X 2995	2999 X 2984	2988 X 2997	2984 X 2986	2988 X 2994
2975 X 2965	1968 X 1955	1958 X 1947	2934 X 2946	1939 X 1951

Division by Nearest Base Numbers (Complementary Method)
Less Base < 10

1256 ÷ 9	7312 6 ÷ 9	5312 ÷ 9	6375 ÷ 9
1972 ÷ 9	4618 ÷ 9	3845 ÷ 9	6721 ÷ 9
7315 ÷ 9	9456 ÷ 9	7316 ÷ 9	2171 ÷ 9

One Less Base & One More Base:

9 X 12	9 X 15	6 X 18	8 X 11	7 X 13	3 X 12
99 X 102	89 X 105	87 X 101	84 X 107	91 X 121	94 X 129
83 X 119	989 X 1084	997 X 1081	916 X 1061	985 X 1032	952 X 1091

Division by Nearest Base Numbers (Complementary Method)
Less Base < 10

3643 ÷ 7	6875 ÷ 7	5535 ÷ 7	2391 ÷ 7
9782 ÷ 7	5452 ÷ 7	3426 ÷97	3665 ÷ 7
67354 ÷ 7	63526 ÷ 7	7446 ÷ 7	2451 ÷ 7

Division by Nearest Base Numbers (Complementary Method)
Less Base < 10

3215 ÷ 8	6346 ÷ 8	4135 ÷8	2791 ÷ 8
1314 ÷ 8	15452 ÷ 8	4856 ÷ 8	3215 ÷ 8
4522 ÷ 8	8767 ÷ 8	7316 ÷ 8	2451 ÷ 8

Division by Less Base < 100

3214 ÷ 99	3157 ÷ 99	7254 ÷ 99	1567 ÷ 98
5607 ÷ 98	2567 ÷ 98	3972 ÷ 97	1562 ÷ 97
4132 ÷ 97	1236 ÷ 96	7452 ÷ 96	7613 ÷ 96

Division by (+100)

3512 ÷ 101	4352 ÷ 101	6351 ÷ 101	1367 ÷ 101
4652 ÷ 102	5172 ÷ 102	7452 ÷ 103	6210 ÷ 103
7321 ÷ 103	1345 ÷ 104	2315 ÷ 104	7133 ÷ 104

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Division by Duplex Number:

51590 ÷ 22	41602 ÷ 22	27808 ÷22	71412 ÷ 22
77484 ÷ 22	46728 ÷ 22	100672 ÷ 22	122342 ÷ 22
128403 ÷ 33	150711 ÷ 33	187374 ÷ 33	227007÷ 33
456329 ÷ 33	865432 ÷ 33	869395 ÷ 33	869532 ÷ 33

Division by Duplex Number:

12155 ÷ 11	33143 ÷ 11	231121 ÷ 11	19888 ÷ 11
17622 ÷ 11	15411 ÷ 11	25344 ÷ 11	13750 ÷ 11
29821 ÷ 11	35816 ÷ 11	27500 ÷ 11	27148 ÷ 11
532645 ÷ 11	963254 ÷ 11	892645 ÷11	759661 ÷ 11

Division by Duplex Number:

52437 ÷ 33	65967 ÷ 33	83556 ÷ 33	45375 ÷ 33
248193 ÷ 33	294327 ÷ 33	187374 ÷ 33	55748 ÷ 33
247412÷ 44	83204 ÷ 44	318164 ÷ 44	392084 ÷ 44
86932 ÷ 44	68392 ÷ 44	59632 ÷ 44	63289 ÷ 44

Division by Duplex Number:

45347 ÷ 66	65675 ÷ 66	35648 ÷ 66	39284 ÷ 66
15234 ÷ 66	43890 ÷ 66	35574 ÷ 66	90948 ÷ 66
24765 ÷ 77	56578 ÷ 77	58164 ÷ 77	92084 ÷ 77
32567 ÷ 77	89653 ÷ 77	69653 ÷ 77	39683 ÷ 77

Division by Duplex Number:

67155 ÷ 55	54835 ÷ 55	49069 ÷ 55	43395 ÷ 55
14789 ÷ 55	18905 ÷ 55	34244 ÷ 55	39277 ÷ 55
89210÷ 55	83204 ÷ 55	46456 ÷ 55	33123 ÷ 55
63932 ÷ 66	43265 ÷ 66	86432 ÷ 66	56421 ÷ 66

Division by Duplex Number:

56554 ÷ 77	65658 ÷ 77	99886 ÷ 77	92333 ÷ 77
67234 ÷ 77	68734 ÷ 77	66664 ÷ 77	57683 ÷ 77
88324 ÷ 88	98632 ÷ 88	93645 ÷ 88	32165 ÷ 88
806458 ÷ 88	756578 ÷ 88	575754 ÷ 88	823424 ÷ 88

Practice Paper

3765 X 2	9654 X 8	3245 X 9	7836 X 6	9564 X 5
56738 X 11	69532 X 22	76589 X 77	98739 X 88	32165 X 66
54326 X 125	83246 X 25	56373 X 5	87659 X 125	93532 X 25

64 X 66	73 X 77	92 X 98	33 X 73	89 X 29
116 X 119	231 X 831	649 X 449	325 X 725	845 X 245

Practice Paper

321 X 999 396 X 999 5694 X 9999 3246 X 9999 93632 X 99999

32 X 999 896 X 9999 34 X 999 3695 X 999 8965 X 999

3269 X 12 8324 X 13 953 X 21 9653 X 91 8396 X 51

102 X 107	109 X 107	203 X 208	306 X 309	405 X 406	302 X 312
96 X 94	85 X 95	76 X 92	2003 X 2006	3004 X 3009	3008 X 3009

THANK YOU

MATH-SCIENCE DEARS