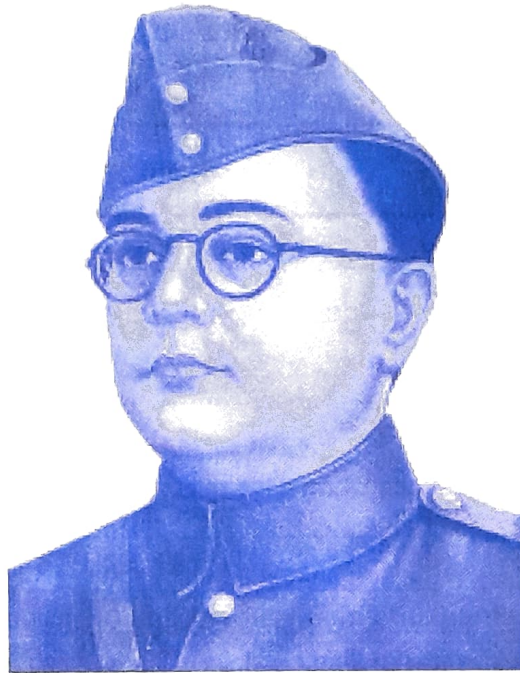




VEDIC MATHS
Level - 1B





Netaji Subhash Chandra Bose

Indian National Army

VEDIC MATHS

LEVEL - 1B

STUDENT DETAILS

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.....

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Center Address :

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Telephone Number :

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STUDENT'S PROGRESS

SIGNATURE

| WEEK | DATE | HOMEWORK | REMARKS | PARENTS | CL |
|-----------|------|----------|---------|---------|----|
| 1st WEEK | | | | | |
| 2nd WEEK | | | | | |
| 3rd WEEK | | | | | |
| 4th WEEK | | | | | |
| 5th WEEK | | | | | |
| 6th WEEK | | | | | |
| 7th WEEK | | | | | |
| 8th WEEK | | | | | |
| 9th WEEK | | | | | |
| 10th WEEK | | | | | |
| 11th WEEK | | | | | |
| 12th WEEK | | | | | |

Rapid Addition :

$$\begin{array}{r} 45 \\ + 17 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 39 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ + 06 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 58 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 43 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 67 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 467 \\ + 054 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 888 \\ + 065 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 465 \\ + 086 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 916 \\ + 097 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 421 \\ + 079 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 882 \\ + 059 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 545 \\ + 057 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ + 075 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ + 075 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ + 082 \\ \hline \\ \hline \end{array}$$

Rapid Addition :

$$\begin{array}{r} 354 \\ + 077 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 864 \\ + 098 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 811 \\ + 089 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 643 \\ + 086 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 236 \\ + 065 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 259 \\ + 076 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 106 \\ + 097 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 489 \\ + 062 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 976 \\ + 045 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 652 \\ + 079 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 248 \\ + 068 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 461 \\ + 059 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 562 \\ + 099 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 689 \\ + 086 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 896 \\ + 098 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 148 \\ + 076 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 896 \\ + 025 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 681 \\ + 014 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 896 \\ + 058 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 361 \\ + 089 \\ \hline \\ \hline \end{array}$$

Rapid Addition :

| | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|
| 625 | 892 | 124 | 589 | 321 | 109 | 463 |
| $+287$ | $+479$ | $+788$ | $+145$ | $+299$ | $+896$ | $+588$ |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 406 | 268 | 427 | 488 | 786 | 467 | 649 |
| $+298$ | $+779$ | $+176$ | $+155$ | $+255$ | $+443$ | $+368$ |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 268 | 501 | 989 | 186 | 944 | | |
| $+262$ | $+499$ | $+672$ | $+768$ | $+067$ | | |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | | |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | | |

Rapid Addition :

$$\begin{array}{r} 369 \\ +246 \\ \hline \end{array}$$

$$\begin{array}{r} 417 \\ +464 \\ \hline \end{array}$$

$$\begin{array}{r} 341 \\ +689 \\ \hline \end{array}$$

$$\begin{array}{r} 506 \\ +597 \\ \hline \end{array}$$

$$\begin{array}{r} 428 \\ +486 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ +499 \\ \hline \end{array}$$

$$\begin{array}{r} 644 \\ +378 \\ \hline \end{array}$$

$$\begin{array}{r} 565 \\ +146 \\ \hline \end{array}$$

$$\begin{array}{r} 896 \\ +194 \\ \hline \end{array}$$

$$\begin{array}{r} 607 \\ +293 \\ \hline \end{array}$$

$$\begin{array}{r} 659 \\ +296 \\ \hline \end{array}$$

$$\begin{array}{r} 128 \\ +164 \\ \hline \end{array}$$

$$\begin{array}{r} 268 \\ +176 \\ \hline \end{array}$$

$$\begin{array}{r} 468 \\ +189 \\ \hline \end{array}$$

$$\begin{array}{r} 626 \\ +187 \\ \hline \end{array}$$

$$\begin{array}{r} 468 \\ +198 \\ \hline \end{array}$$

$$\begin{array}{r} 467 \\ +156 \\ \hline \end{array}$$

$$\begin{array}{r} 644 \\ +189 \\ \hline \end{array}$$

$$\begin{array}{r} 158 \\ +279 \\ \hline \end{array}$$

$$\begin{array}{r} 897 \\ +166 \\ \hline \end{array}$$

Rapid Decimal Addition :

8.6

+0.8

4.5

+0.7

1.4

+0.9

5.6

+0.6

8.8

+0.4

2.7

+2.6

3.4

+2.7

1.9

+4.5

4.6

+0.5

6.6

+2.5

7.9

+1.2

8.4

+1.7

4.9

+0.6

5.6

+4.6

4.7

+4.6

8.6

+1.4

3.3

+3.4

2.5

+2.7

8.8

+2.6

6.4

+1.8

Rapid Decimal Addition :

$$\begin{array}{r} 7.45 \\ +0.78 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6.56 \\ +0.68 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.81 \\ +0.99 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.67 \\ +0.77 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 1.68 \\ +4.58 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3.58 \\ +4.45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 1.89 \\ +6.55 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7.56 \\ +1.68 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8.87 \\ +1.85 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6.25 \\ +0.97 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5.56 \\ +2.69 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.76 \\ +2.77 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3.34 \\ +1.89 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.43 \\ +5.98 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 1.47 \\ +2.77 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9.54 \\ +2.88 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6.58 \\ +3.67 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.65 \\ +3.78 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 1.67 \\ +4.59 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2.25 \\ +1.99 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4.646 \\ +0.777 \\ \hline \end{array}$$

$$\begin{array}{r} 8.367 \\ +1.855 \\ \hline \end{array}$$

$$\begin{array}{r} 4.354 \\ +4.858 \\ \hline \end{array}$$

$$\begin{array}{r} 5.463 \\ +3.779 \\ \hline \end{array}$$

$$\begin{array}{r} 6.254 \\ +3.977 \\ \hline \end{array}$$

$$\begin{array}{r} 8.587 \\ +1.887 \\ \hline \end{array}$$

$$\begin{array}{r} 4.155 \\ +2.975 \\ \hline \end{array}$$

$$\begin{array}{r} 0.487 \\ +2.769 \\ \hline \end{array}$$

$$\begin{array}{r} 6.336 \\ +3.888 \\ \hline \end{array}$$

$$\begin{array}{r} 4.343 \\ +2.893 \\ \hline \end{array}$$

$$\begin{array}{r} 2.476 \\ +3.877 \\ \hline \end{array}$$

$$\begin{array}{r} 4.876 \\ +0.785 \\ \hline \end{array}$$

$$\begin{array}{r} 4.346 \\ +5.988 \\ \hline \end{array}$$

$$\begin{array}{r} 6.565 \\ +0.696 \\ \hline \end{array}$$

$$\begin{array}{r} 1.267 \\ +0.854 \\ \hline \end{array}$$

$$\begin{array}{r} 3.676 \\ +4.595 \\ \hline \end{array}$$

$$\begin{array}{r} 3.456 \\ +4.787 \\ \hline \end{array}$$

$$\begin{array}{r} 2.236 \\ +4.989 \\ \hline \end{array}$$

$$\begin{array}{r} 5.546 \\ +4.677 \\ \hline \end{array}$$

$$\begin{array}{r} 2.276 \\ +4.952 \\ \hline \end{array}$$

$$\begin{array}{r} 6.1334 \\ +2.1996 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2007 \\ +2.1998 \\ \hline \end{array}$$

$$\begin{array}{r} 6.2464 \\ +3.9889 \\ \hline \end{array}$$

$$\begin{array}{r} 2.2336 \\ +4.7768 \\ \hline \end{array}$$

$$\begin{array}{r} 1.2568 \\ +2.8665 \\ \hline \end{array}$$

$$\begin{array}{r} 4.6705 \\ +3.4796 \\ \hline \end{array}$$

$$\begin{array}{r} 8.1439 \\ +1.7682 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2596 \\ +2.7867 \\ \hline \end{array}$$

$$\begin{array}{r} 4.5432 \\ +2.6788 \\ \hline \end{array}$$

$$\begin{array}{r} 4.5434 \\ +3.6788 \\ \hline \end{array}$$

$$\begin{array}{r} 6.2267 \\ +0.9989 \\ \hline \end{array}$$

$$\begin{array}{r} 2.5225 \\ +3.4997 \\ \hline \end{array}$$

$$\begin{array}{r} 3.1459 \\ +4.8766 \\ \hline \end{array}$$

$$\begin{array}{r} 1.2568 \\ +2.8665 \\ \hline \end{array}$$

$$\begin{array}{r} 4.1636 \\ +4.9787 \\ \hline \end{array}$$

$$\begin{array}{r} 6.6459 \\ +1.8875 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2125 \\ +2.9878 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2347 \\ +2.9877 \\ \hline \end{array}$$

$$\begin{array}{r} 4.4535 \\ +4.8887 \\ \hline \end{array}$$

$$\begin{array}{r} 4.2225 \\ +4.9995 \\ \hline \end{array}$$

Rapid Subtraction :

72

-26

56

-47

75

-57

41

-39

74

-15

87

-28

74

-69

48

-19

45

-07

42

-29

73

-15

84

-35

41

-36

46

-39

66

-37

71

-36

41

-34

54

-38

65

-37

63

-37

Rapid Subtraction :

| | | | | |
|--|--|--|--|--|
| $\begin{array}{r} 623 \\ -077 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 474 \\ -089 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 413 \\ -067 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 356 \\ -087 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 174 \\ -059 \\ \hline \\ \hline \end{array}$ |
| $\begin{array}{r} 785 \\ -297 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 575 \\ -089 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 924 \\ -567 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 840 \\ -060 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 516 \\ -098 \\ \hline \\ \hline \end{array}$ |
| $\begin{array}{r} 545 \\ -069 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 468 \\ -079 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 576 \\ -079 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 655 \\ -066 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 527 \\ -098 \\ \hline \\ \hline \end{array}$ |
| $\begin{array}{r} 720 \\ -085 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 425 \\ -076 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 558 \\ -079 \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} 751 \\ -082 \\ \hline \\ \hline \end{array}$ | |

Rapid Subtraction :

455

-268

365

-269

454

-296

546

-268

431

-296

464

-286

442

-284

481

-224

414

-239

472

-285

948

-589

923

-515

972

-547

951

-529

915

-566

886

-458

814

-467

834

-475

838

-468

897

-498

Rapid Subtraction :

| | | | | |
|--|--|--|--|--|
| $\begin{array}{r} 882 \\ -366 \\ \hline \end{array}$ | $\begin{array}{r} 872 \\ -384 \\ \hline \end{array}$ | $\begin{array}{r} 589 \\ -322 \\ \hline \end{array}$ | $\begin{array}{r} 775 \\ -368 \\ \hline \end{array}$ | $\begin{array}{r} 589 \\ -388 \\ \hline \end{array}$ |
| $\begin{array}{r} 616 \\ -399 \\ \hline \end{array}$ | $\begin{array}{r} 932 \\ -398 \\ \hline \end{array}$ | $\begin{array}{r} 714 \\ -365 \\ \hline \end{array}$ | $\begin{array}{r} 616 \\ -387 \\ \hline \end{array}$ | $\begin{array}{r} 718 \\ -359 \\ \hline \end{array}$ |
| $\begin{array}{r} 832 \\ -367 \\ \hline \end{array}$ | $\begin{array}{r} 647 \\ -328 \\ \hline \end{array}$ | $\begin{array}{r} 787 \\ -289 \\ \hline \end{array}$ | $\begin{array}{r} 821 \\ -335 \\ \hline \end{array}$ | $\begin{array}{r} 677 \\ -388 \\ \hline \end{array}$ |
| $\begin{array}{r} 556 \\ -449 \\ \hline \end{array}$ | $\begin{array}{r} 578 \\ -199 \\ \hline \end{array}$ | $\begin{array}{r} 678 \\ -597 \\ \hline \end{array}$ | $\begin{array}{r} 787 \\ -698 \\ \hline \end{array}$ | $\begin{array}{r} 985 \\ -386 \\ \hline \end{array}$ |

Rapid Decimal Subtraction :

7.1

-0.5

6.3

-0.6

4.0

-0.3

5.2

-0.8

7.4

-0.9

5.3

-1.5

7.8

-1.5

7.4

-1.8

5.2

-1.4

8.5

-1.2

3.4

-2.7

4.5

-2.6

5.6

-2.8

8.5

-7.8

7.2

-2.8

7.2

-3.7

6.2

-3.4

8.5

-3.7

9.2

-3.5

5.8

-3.9

Rapid Decimal Subtraction :

| | | | | |
|--|--|--|--|--|
| $\begin{array}{r} 4.15 \\ -0.87 \\ \hline \end{array}$ | $\begin{array}{r} 4.64 \\ -0.76 \\ \hline \end{array}$ | $\begin{array}{r} 3.72 \\ -0.68 \\ \hline \end{array}$ | $\begin{array}{r} 6.68 \\ -0.59 \\ \hline \end{array}$ | $\begin{array}{r} 7.82 \\ -0.48 \\ \hline \end{array}$ |
| $\begin{array}{r} 2.12 \\ -1.75 \\ \hline \end{array}$ | $\begin{array}{r} 3.56 \\ -1.47 \\ \hline \end{array}$ | $\begin{array}{r} 4.14 \\ -1.76 \\ \hline \end{array}$ | $\begin{array}{r} 5.78 \\ -1.59 \\ \hline \end{array}$ | $\begin{array}{r} 6.78 \\ -1.30 \\ \hline \end{array}$ |
| $\begin{array}{r} 4.68 \\ -2.79 \\ \hline \end{array}$ | $\begin{array}{r} 6.78 \\ -2.79 \\ \hline \end{array}$ | $\begin{array}{r} 7.83 \\ -2.89 \\ \hline \end{array}$ | $\begin{array}{r} 8.48 \\ -2.69 \\ \hline \end{array}$ | $\begin{array}{r} 5.85 \\ -2.96 \\ \hline \end{array}$ |
| $\begin{array}{r} 5.18 \\ -3.78 \\ \hline \end{array}$ | $\begin{array}{r} 4.68 \\ -3.59 \\ \hline \end{array}$ | $\begin{array}{r} 5.72 \\ -3.69 \\ \hline \end{array}$ | $\begin{array}{r} 6.54 \\ -3.85 \\ \hline \end{array}$ | $\begin{array}{r} 8.72 \\ -3.67 \\ \hline \end{array}$ |

4.512
-0.848

4.223
-0.968

4.332
-0.896

4.245
-0.768

5.121
-0.768

5.452
-0.769

5.426
-0.679

5.123
-0.447

6.432
-0.789

6.326
-0.975

6.515
-0.825

6.148
-0.989

7.832
-0.848

7.248
-0.679

7.528
-0.769

7.885
-0.968

8.721
-0.698

8.488
-0.815

8.168
-0.478

8.489
-0.860

5.3212
-3.9678

5.1836
-4.9977

5.3243
-0.9188

5.7894
-2.6795

4.1833
-2.9876

4.6178
-2.8769

4.2455
-0.7869

4.8258
-0.6589

3.1835
-0.9866

3.2818
-0.9848

3.2485
-0.8695

3.2368
-0.5879

2.2648
-0.9684

2.45168
-0.57969

2.1838
-0.4689

2.4861
-0.4844

1.4856
-0.8865

1.2145
-0.9687

1.3251
-0.8674

1.2118
0.7898

Rapid Multiplication :

68789×2

961123×2

345846×2

758151×2

431819×2

123765×2

665432×3

801316×3

315264×3

532168×3

134203×3

432246×3

324815×4

433012×4

365298×4

768431×4

133765×4

310316×4

Rapid Multiplication :

498691×5

546899×5

716891×5

362514×5

524689×5

264398×5

384102×5

428156×5

681213×6

1366101×6

311521×5

656172×6

812489×6

412031×6

594123×6

252745×6

96182418×7

6011244×7

43869932×7

9087533×7

Rapid Multiplication :

3184×5

6632×5

9983×5

7189×5

2185×5

6815×5

2872×5

1801×5

2181×5

94452×5

1150×5

78795×5

18291×5

20101×5

23121×5

25681×5

25958×5

Multiplication tables :

3155578×5

4133189×5

5131237×5

8171981×5

8182931×5

989798×5

4512548×5

4132134×5

9962125×5

720082948×5

8284817×5

9629148×5

4814681×5

95004222×5

882145689×5

245128651×5

696778200×5

789950140×5

560489271×5

439946149×5

Multiplication tables :

35612×6

42481×6

31521×6

48281×6

50101×6

48814×6

59892×6

77141×6

2106811×6

168523×6

61215×7

59312×7

22125×7

81218×7

45256×7

58281×7

72521×7

58172×7

960008764×7

638431644×7

Multiplication tables :

5612×8

5121×8

5212×8

4214×8

5663×8

8142×8

9168×8

4818×8

8254×8

2482×8

4246×9

7819×9

4608×9

7817×9

3421×9

5692×9

729961×9

459671×9

303516×9

531247×9

Multiplication of Power of 5 :

$$5765 \times 5$$

$$4645 \times 5$$

$$1352 \times 5$$

$$1892 \times 5$$

$$6142 \times 5$$

$$7918 \times 5$$

$$17543891 \times 5$$

$$84329541 \times 5$$

$$822156919 \times 5$$

$$57120958 \times 5$$

$$82615985 \times 5$$

$$88958955 \times 5$$

$$22821896 \times 5$$

$$46180472 \times 5$$

$$84510477 \times 5$$

$$32142998 \times 5$$

$$228561450 \times 5$$

$$801576775 \times 5$$

$$971079631 \times 5$$

$$243394954 \times 5$$

Multiplication by 25 :

82165×25

96512×25

11235×25

32125×25

92710×25

39819×25

762721×25

482546×25

762851×25

751967×25

1784361×25

7962891×25

8314531×25

33847291×25

94397298×25

84283761×25

51485726×25

48876545×25

25112567×25

68357921×25

Multiplication by 125 :

75927×125

47965×125

452298×125

753557×125

878138×125

475186×125

8711374×125

254246×125

924296×125

754579×125

708681×125

988689×125

8203812×125

47378954×125

14547520×125

96834671×125

730230361×125

145578125×125

The sum of last digit being 10 and the first being the same :

66×64

97×93

55×55

19×11

21×29

84×86

33×37

15×15

18×12

62×68

39×31

17×13

34×36

25×25

81×89

68×62

17×13

48×42

77×73

95×95

The sum of last digit being 10 and the first being the same :

18×12

29×21

96×94

18×12

47×43

65×65

41×49

58×52

18×12

63×67

76×74

13×17

44×46

51×59

38×32

55×55

75×75

88×82

87×83

61×69

The sum of last digit being 10 and the first being the same :

$$3.7 \times 3.3$$

$$4.9 \times 4.1$$

$$5.7 \times 5.3$$

$$4.9 \times 4.1$$

$$7.8 \times 7.2$$

$$5.9 \times 5.1$$

$$1.1 \times 1.9$$

$$7.3 \times 7.7$$

$$5.6 \times 5.4$$

$$6.6 \times 6.4$$

$$6.7 \times 6.3$$

$$6.5 \times 6.5$$

$$4.8 \times 4.2$$

$$8.9 \times 8.1$$

$$7.3 \times 7.7$$

$$5.9 \times 5.1$$

$$3.4 \times 3.6$$

The sum of last digit being 10 and the first being the same :

211×219

313×317

418×412

346×344

305×305

299×291

517×513

422×428

287×283

456×454

114×116

218×212

819×811

991×999

862×868

565×565

475×475

112×118

324×326

346×324

The sum of first digit being 10 and the last digit being the same :

19×99

78×38

51×51

65×45

32×72

87×27

96×16

89×29

45×65

58×58

78×38

64×44

23×83

94×14

58×58

14×94

42×62

83×23

98×18

34×74

The sum of first digit being 10 and the last digit being the same :

34×74

98×18

73×33

82×22

57×57

78×38

84×24

91×11

64×44

56×56

85×25

98×18

59×59

71×41

93×13

87×27

21×81

72×32

89×29

13×93

The sum of first digit being 10 and the last digit being the same :

111×911

231×831

345×745

454×654

572×572

222×822

113×913

728×328

364×764

846×246

516×516

986×186

377×777

644×444

262×862

152×952

287×887

156×956

452×652

714×314

The sum of first digit being 10 and the last digit being the same :

8.1×2.1

6.4×4.4

3.2×7.2

1.6×9.6

4.8×6.8

2.6×8.6

7.8×3.8

5.6×5.6

8.1×2.1

7.7×3.7

6.6×4.6

1.5×9.5

8.5×2.5

4.9×6.9

6.9×4.9

2.2×8.2

6.8×4.8

1.9×9.9

3.6×7.6

8.6×2.6

Rapid Division :

$2402 \div 2$

$4682 \div 2$

$6406 \div 2$

$8622 \div 2$

$4682 \div 3$

$650464 \div 2$

$216570 \div 2$

$364754 \div 2$

$126513 \div 3$

$864069 \div 3$

$641756 \div 4$

$80462 \div 4$

$16828 \div 4$

$16851 \div 3$

$26895 \div 3$

$645981 \div 4$

$9168156 \div 3$

$7181064 \div 3$

$108165431 \div 4$

$304568710 \div 4$

Rapid Division :

$30681 \div 6$

$61242 \div 6$

$7168105 \div 7$

$316561 \div 7$

$8167355 \div 7$

$1686560 \div 8$

$6816656 \div 8$

$4656715 \div 7$

$81918 \div 9$

$27963 \div 9$

$65675640 \div 6$

$78567810 \div 6$

$666246 \div 6$

$8181061 \div 7$

$343434 \div 7$

$456146 \div 8$

$5348052 \div 8$

$999816399 \div 9$

$416810781 \div 9$

$64678914 \div 9$

Special Method : Division by 5 :

$86510 \div 5$

$91685 \div 5$

$10630 \div 5$

$4685 \div 5$

$265615 \div 5$

$9180 \div 5$

$7565 \div 5$

$2680 \div 5$

$34695 \div 5$

$56170 \div 5$

$17955 \div 5$

$6396 \div 5$

$6417890 \div 5$

$5181685 \div 5$

$18975 \div 5$

$8400 \div 5$

$81612465 \div 5$

$96565470 \div 5$

$146810595 \div 5$

$6459681770 \div 5$

Division by 25 :

$64100 \div 25$

$81650 \div 25$

$37150 \div 25$

$26150 \div 25$

$36700 \div 25$

$815650 \div 25$

$9754300 \div 25$

$6210850 \div 25$

$32167580 \div 25$

$2456700 \div 25$

$678600 \div 25$

$43210850 \div 25$

$468125 \div 25$

$817620 \div 25$

$7600450 \div 25$

$4561230 \div 25$

$9876900 \div 25$

$32168500 \div 25$

$132654625 \div 25$

$67810525 \div 25$

Division by 125 :

$542625 \div 125$

$94500 \div 125$

$832167 \div 125$

$5642125 \div 125$

$100875 \div 125$

$6574325 \div 125$

$2654000 \div 125$

$362159250 \div 125$

$465921085 \div 125$

$465921000 \div 125$

$8167253125 \div 125$

$765910 \div 125$

$5681789 \div 125$

$23591000 \div 125$

$6721825 \div 125$

$46298102 \div 125$

$36048800 \div 125$

$123468900 \div 125$

$362125250 \div 125$

$81067215 \div 125$

VINCULUM

Find Vinculum for the following numbers

$78 = \quad =$

$65 = \quad =$

$81 = \quad =$

$46 = \quad =$

$24 = \quad =$

$42 = \quad =$

$14 = \quad =$

$59 = \quad =$

$68 = \quad =$

$21 = \quad =$

$06 = \quad =$

$69 = \quad =$

$42 = \quad =$

$56 = \quad =$

$83 = \quad =$

$44 = \quad =$

$19 = \quad =$

$01 = \quad =$

$34 = \quad =$

$86 = \quad =$

$25 = \quad =$

VINCULATE UNIT'S PLACE :

21 =

46 =

79 =

89 =

16 =

52 =

28 =

64 =

72 =

59 =

36 =

55 =

96 =

49 =

32 =

59 =

86 =

27 =

76 =

69 =

VINCULATE 10'S PLACE :

683 =

236 =

522 =

351 =

862 =

459 =

526 =

534 =

675 =

347 =

814 =

426 =

487 =

873 =

794 =

832 =

491 =

112 =

860 =

745 =

VINCULATE 100'S PLACE :

8564 =

8104 =

9108 =

5786 =

4632 =

1243 =

1490 =

7856 =

8786 =

8104 =

9215 =

9659 =

1085 =

3564 =

8562 =

9812 =

6815 =

8570 =

9081 =

6723 =

DEVINCULATE UNIT'S PLACE :

$5 \overline{6} =$

$8 \overline{9} =$

$6 \overline{5} =$

$4 \overline{3} =$

$8 \overline{1} =$

$6 \overline{7} =$

$1 \overline{2} =$

$8 \overline{8} =$

$5 \overline{6} =$

$2 \overline{4} =$

$8 \overline{6} 4 =$

$1 \overline{2} 3 =$

$5 \overline{4} 6 =$

$9 \overline{8} 1 =$

$6 \overline{7} 0 =$

$2 \overline{2} 8 =$

$7 \overline{1} 7 =$

$6 \overline{3} 6 =$

$5 \overline{9} 7 =$

$6 \overline{8} 0 =$

DEVINCULATE 100'S PLACE :

$7 \overline{2} 6 1 =$

$5 \overline{4} 8 0 =$

$9 \overline{6} 3 2 =$

$1 \overline{9} 6 8 =$

$8 \overline{1} 0 6 =$

$5 \overline{6} 4 4 =$

$3 \overline{9} 8 1 =$

$6 \overline{7} 2 3 =$

$9 \overline{1} 0 4 =$

$2 \overline{6} 8 1 =$

$3 \overline{2} 1 \overline{6} 9 =$

$7 \overline{8} 5 \overline{4} 1 =$

$8 \overline{6} 4 \overline{5} 0 =$

$4 \overline{1} 3 \overline{2} 2 =$

$9 \overline{7} 6 \overline{8} 5 =$

$1 \overline{3} 1 \overline{4} 1 =$

$2 \overline{6} 3 \overline{7} 4 =$

$8 \overline{1} 4 \overline{2} 2 =$

$6 \overline{4} 6 \overline{5} 9 =$

$8 \overline{7} 6 \overline{2} 7 =$

VINCULATE ADDITION & SUBTRACTION :

$$4 + \overline{3} =$$

$$\overline{6} - \overline{0} =$$

$$8 - \overline{3} =$$

$$7 + \overline{2} =$$

$$2 + \overline{5} =$$

$$1 + \overline{1} =$$

$$\overline{8} + \overline{9} =$$

$$6 + \overline{2} =$$

$$2 + \overline{9} =$$

$$4 + \overline{6} =$$

$$9 - \overline{2} =$$

$$7 - \overline{3} =$$

$$5 - \overline{2} =$$

$$\overline{7} + \overline{7} =$$

$$5 - \overline{6} =$$

$$2 - \overline{1} =$$

$$5 - \overline{5} =$$

$$\overline{7} - \overline{5} =$$

$$\overline{2} - \overline{4} =$$

$$\overline{8} + \overline{3} =$$

VINCULATE ADDITION & SUBTRACTION :

$5 + \bar{4} =$

$9 + \bar{3} =$

$7 - \bar{2} =$

$\bar{8} + \bar{5} =$

$3 + \bar{7} =$

$8 + \bar{6} =$

$3 + \bar{4} =$

$4 + \bar{7} =$

$8 + \bar{3} =$

$7 + \bar{1} =$

$7 - \bar{3} =$

$9 - \bar{1} =$

$5 - \bar{2} =$

$8 + \bar{6} =$

$3 - \bar{4} =$

$8 + \bar{6} =$

$9 + \bar{6} =$

$8 + \bar{4} =$

$6 + \bar{2} =$

$2 + 4 =$

VINCULATE ADDITION & SUBTRACTION :

$$6\bar{4} - \bar{2} =$$

$$9\bar{6} + \bar{8} =$$

$$3\bar{3} + \bar{8} =$$

$$8\bar{5} + \bar{5} =$$

$$2\bar{2} + \bar{4} =$$

$$7\bar{6} - \bar{6} =$$

$$4\bar{1} - \bar{3} =$$

$$3\bar{4} + \bar{7} =$$

$$6\bar{2} + \bar{6} =$$

$$4\bar{6} - \bar{9} =$$

$$8\bar{6} + \bar{4} =$$

$$6\bar{4} - \bar{5} =$$

$$6\bar{2} + \bar{9} =$$

$$2\bar{9} + \bar{7} =$$

$$8\bar{3} - \bar{2} =$$

$$4\bar{4} + \bar{1} =$$

$$6\bar{8} - \bar{4} =$$

$$5\bar{9} - \bar{8} =$$

$$5\bar{3} + \bar{3} =$$

$$6\bar{5} - \bar{7} =$$

VINCULATE ADDITION & SUBTRACTION :

$$6\bar{5} - \bar{4} =$$

$$7\bar{6} + \bar{3} =$$

$$8\bar{1} + \bar{8} =$$

$$2\bar{4} + \bar{2} =$$

$$3\bar{2} + \bar{7} =$$

$$4\bar{4} - \bar{8} =$$

$$5\bar{8} + \bar{5} =$$

$$6\bar{7} + \bar{4} =$$

$$9\bar{8} + \bar{6} =$$

$$6\bar{4} + \bar{3} =$$

$$4\bar{2} - \bar{6} =$$

$$9\bar{8} + \bar{7} =$$

$$5\bar{5} - \bar{6} =$$

$$4\bar{6} - \bar{4} =$$

$$3\bar{1} - \bar{2} =$$

$$2\bar{6} + \bar{9} =$$

$$8\bar{8} - \bar{4} =$$

$$9\bar{8} + \bar{8} =$$

$$2\bar{4} - \bar{1} =$$

$$5\bar{6} - \bar{0} =$$

