Fastrack Math / Speed Math / Vedic Math

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1. Un-folding Addition and Subtraction

Addition of 2 - Digit Numbers

72 + 64 =

44 + 72 =

58 + 37 =

83 + 49 =

77 + 46 =

Addition of 2 - Digit Numbers

79 + 68 =

93 + 49 =

65 + 57 =

84 + 79 =

67 + 89 =

Addition of 3 - Digit Numbers

126 + 323 =

542 + 436 =

357 + 279 =

468 + 379 =

867 + 738 =

Addition of 3 - Digit Numbers

337 + 495 =

556 + 778 =

319 + 857 =

483 + 689 =

747 + 985 =

Addition of 4 - Digit Numbers

1152 + 1326 =

1844 + 3053 =

2381 + 5317 =

4285 + 1759 =

3753 + 2568 =

Addition of 4 - Digit Numbers

6753 + 5439 =

4857 + 7984 =

8693 + 6738 =

9545 + 3878 =

7677 + 8789 =

Subtraction of 2 - Digit Numbers (Direct)

67 – 42 =

76 – 34 =

89 – 46 =

48 – 27 =

57 – 32 =

Subtraction of 2 - Digit Numbers (Carry)

53 – 39 =

75 – 48 =

81 – 56 =

84 – 37 =

93 – 46 =

Subtraction of 2 - Digit Numbers (Carry)

64 – 29 =

92 – 37 =

73 – 46 =

85 – 58 =

91 – 53 =

Subtraction of 3 - Digit Numbers (Direct)

579 – 446 =

868 – 324 =

667 – 512 =

788 – 353 =

987 – 564 =

Subtraction of 3 - Digit Numbers (Carry)

452 – 287 =

581 – 329 =

723 – 467 =

634 – 187 =

957 – 564 =

Subtraction of 3 - Digit Numbers (Carry)

412 – 179 =

526 – 367 =

731 – 483 =

918 – 289 =

615 – 378 =

Subtraction of 4 - Digit Numbers

4876 – 2435 =

7127 – 6584 =

5813 – 4379 =

8142 – 3758 =

6325 – 2897 =

Numbers based on ab + ba

67 + 76 =

49 + 94 =

53 + 35 =

73 + 37 =

93 + 39 =

Numbers based on ab – ba

42 – 24 =

74 – 47 =

63 – 36 =

93 – 39 =

86 – 68 =

Numbers based on Addition & Subtraction

56 + 72 + 87 =

87 – 24 + 16 =

376 + 259 + 161 =

784 + 276 + 327 =

436 + 618 – 765 =

Numbers based on Addition & Subtraction

961 – 493 – 286 =

717 + 636 – 878 =

823 + 596 – 617 =

637 + 475 – 848 =

1857 – 583 – 734 =

Numbers based on Addition & Subtraction

2941 – 493 – 1286 =

3717 + 1636 – 2878 =

2839 + 3592 – 4617 =

6537 – 4275 – 1694 =

8231 – 5477 – 2356 =

2. Un-folding Square, Cube, Square Roots & Cube Roots

Squares from 75 to 125 (Base 100)

$99^2 =$

$98^2 =$

$97^2 =$

$96^2 =$

$95^2 =$

$94^2 =$

$93^2 =$

$92^2 =$

$91^2 =$

$90^2 =$

$89^2 =$

$88^2 =$

$87^2 =$

$86^2 =$

$85^2 =$

$84^2 =$

$83^2 =$

$82^2 =$

$81^2 =$

$80^2 =$

$79^2 =$

$78^2 =$

$77^2 =$

$76^2 =$

$75^2 =$

Squares from 75 to 125 (Base 100)

$101^2 =$
$102^2 =$
$103^2 =$
$104^2 =$
$105^2 =$
$106^2 =$
$107^2 =$
$108^2 =$
$109^2 =$
$110^2 =$

$111^2 =$
$112^2 =$
$113^2 =$
$114^2 =$
$115^2 =$
$116^2 =$
$117^2 =$
$118^2 =$
$119^2 =$
$120^2 =$

$121^2 =$
$122^2 =$
$123^2 =$
$124^2 =$
$125^2 =$

Squares from 25 to 75 (Base 50)

$51^2 =$
$52^2 =$
$53^2 =$
$54^2 =$
$55^2 =$
$56^2 =$
$57^2 =$
$58^2 =$
$59^2 =$
$60^2 =$

$61^2 =$
$62^2 =$
$63^2 =$
$64^2 =$
$65^2 =$
$66^2 =$
$67^2 =$
$68^2 =$
$69^2 =$
$70^2 =$

$71^2 =$
$72^2 =$
$73^2 =$
$74^2 =$

Squares from 25 to 75 (Base 50)

$49^2 =$

$48^2 =$

$47^2 =$

$46^2 =$

$45^2 =$

$44^2 =$

$43^2 =$

$42^2 =$

$41^2 =$

$40^2 =$

$39^2 =$

$38^2 =$

$37^2 =$

$36^2 =$

$35^2 =$

$34^2 =$

$33^2 =$

$32^2 =$

$31^2 =$

$30^2 =$

$29^2 =$

$28^2 =$

$27^2 =$

$26^2 =$

$25^2 =$

Squares of Number Ending with 5

$15^2 =$

$25^2 =$

$35^2 =$

$45^2 =$

$55^2 =$

$65^2 =$

$75^2 =$

$85^2 =$

$95^2 =$

$105^2 =$

$115^2 =$

$125^2 =$

$135^2 =$

$145^2 =$

$155^2 =$

Square Numbers from 1-100				
$1^2 = 1$	$21^2 = 441$	$41^2 = 1681$	$61^2 = 3721$	$81^2 = 6561$
$2^2 = 4$	$22^2 = 484$	$42^2 = 1764$	$62^2 = 3844$	$82^2 = 6724$
$3^2 = 9$	$23^2 = 529$	$43^2 = 1849$	$63^2 = 3969$	$83^2 = 6889$
$4^2 = 16$	$24^2 = 576$	$44^2 = 1936$	$64^2 = 4096$	$84^2 = 7056$
$5^2 = 25$	$25^2 = 625$	$45^2 = 2025$	$65^2 = 4225$	$85^2 = 7225$
$6^2 = 36$	$26^2 = 676$	$46^2 = 2116$	$66^2 = 4356$	$86^2 = 7396$
$7^2 = 49$	$27^2 = 729$	$47^2 = 2209$	$67^2 = 4489$	$87^2 = 7569$
$8^2 = 64$	$28^2 = 784$	$48^2 = 2304$	$68^2 = 4624$	$88^2 = 7744$
$9^2 = 81$	$29^2 = 841$	$49^2 = 2401$	$69^2 = 4761$	$89^2 = 7921$
$10^2 = 100$	$30^2 = 900$	$50^2 = 2500$	$70^2 = 4900$	$90^2 = 8100$
$11^2 = 121$	$31^2 = 961$	$51^2 = 2601$	$71^2 = 5041$	$91^2 = 8281$
$12^2 = 144$	$32^2 = 1024$	$52^2 = 2704$	$72^2 = 5184$	$92^2 = 8464$
$13^2 = 169$	$33^2 = 1089$	$53^2 = 2809$	$73^2 = 5329$	$93^2 = 8649$
$14^2 = 196$	$34^2 = 1156$	$54^2 = 2916$	$74^2 = 5476$	$94^2 = 8839$
$15^2 = 225$	$35^2 = 1225$	$55^2 = 3025$	$75^2 = 5625$	$95^2 = 9025$
$16^2 = 256$	$36^2 = 1296$	$56^2 = 3136$	$76^2 = 5776$	$96^2 = 9216$
$17^2 = 289$	$37^2 = 1369$	$57^2 = 3249$	$77^2 = 5929$	$97^2 = 9409$
$18^2 = 324$	$38^2 = 1444$	$58^2 = 3364$	$78^2 = 6084$	$98^2 = 9604$
$19^2 = 361$	$39^2 = 1521$	$59^2 = 3481$	$79^2 = 6241$	$99^2 = 9801$
$20^2 = 400$	$40^2 = 1600$	$60^2 = 3600$	$80^2 = 6400$	$100^2 = 10000$