Vedic Method of Squaring Numbers
(Ekadhika squaring)

Using Nikhilam/Paraavryta Sutras to calclate **LHS** of Squares. Please refer to Nikhilam and Paraavartya Multiplication Methods in VM(i) Section.

eg.(1) 65^2 = (6 x 7) / 25 = 42/25 or 4225

eg.(2) 75^2 = (7 x 8) / 25 = 56/25 or 5625

eg.(3) 135^2 = (13 x 14) / 25 = 182 / 25 or 18225

eg.(4) 945^2 = (94 x 95) / 25 = 8930/25 or 893025

eg.(5) 1205^2 = (120 x 121) / 25 = 14520 / 25 or 1452025

eg.(6) 47^2 = (47 x 48) / 25 = 2256 / 25 or 225625

eg.(1) 6 x 7				eg.(2) 7 x8				eg.(3) 13 x 14				eg.(4) 94 x 95				eg.(5) 120 x 121				eg.(6) 47 x 48			
Numbers	Base = 10	Deviations		Numbers	Base = 10	Deviations		Numbers	Base = 10	Deviations		Numbers	Base = 100	Deviations		Numbers	Base = 100	Deviations		Numbers	Base = 100 W.B. = 50	Deviations
6		-4		7		-3		13		3		94		-6		120		20		47		-3
7		-3		8		-2		14		4		95		-5		121		21		48		-2
3 /		$_1$2		5 /		6		17 /		$_1$2		89 /		30		141 /		$_4$20		½ of (45) /		6
= 4 /		2		= 5 /		6		= 18 /		2		= 89 /		30		= 145 /		20		= $22_{1/2}$ /		6
= 4 2				= 5 6				= 182				= 8930				= 14520				= 2256		