

## VEDIC MATHEMATICS - LEVEL 2

NAME: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

**Multiply:**

$62 \times 99 =$ _____	$63 \times 99 =$ _____	$36 \times 9 =$ _____	$74 \times 999 =$ _____
$73 \times 99 =$ _____	$76 \times 99 =$ _____	$28 \times 9 =$ _____	$45 \times 999 =$ _____
$38 \times 99 =$ _____	$35 \times 99 =$ _____	$34 \times 9 =$ _____	$51 \times 999 =$ _____
$94 \times 99 =$ _____	$81 \times 99 =$ _____	$27 \times 9 =$ _____	$72 \times 999 =$ _____
$82 \times 99 =$ _____	$29 \times 99 =$ _____	$75 \times 9 =$ _____	$98 \times 999 =$ _____

$\begin{array}{r} 38 \\ \times 64 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ \times 35 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times 15 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ \times 37 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ \times 28 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ \times 73 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ \times 77 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ \times 97 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 76 \\ \times 47 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 41 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ \times 78 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 36 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ \times 52 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ \times 44 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 91 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 78 \\ \times 56 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ \times 72 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ \times 43 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ \times 52 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ \times 29 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ \times 80 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ \times 35 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 64 \\ \times 72 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ \times 36 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 45 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 53 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ \times 29 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ \times 52 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$82 \times 11 =$ _____	$28 \times 12 =$ _____	$56 \times 22 =$ _____	$43 \times 33 =$ _____
$67 \times 11 =$ _____	$37 \times 12 =$ _____	$38 \times 22 =$ _____	$57 \times 33 =$ _____
$12 \times 11 =$ _____	$83 \times 12 =$ _____	$29 \times 22 =$ _____	$63 \times 33 =$ _____
$98 \times 11 =$ _____	$49 \times 12 =$ _____	$35 \times 22 =$ _____	$72 \times 33 =$ _____
$73 \times 11 =$ _____	$26 \times 12 =$ _____	$52 \times 22 =$ _____	$82 \times 33 =$ _____

**Multiply : (Hint - Working base Multiplication)**

$\begin{array}{r} 47 \\ \times 54 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 79 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ \times 36 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ \times 24 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \times 49 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ \times 63 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ \times 59 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 35 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 66 \\ \times 69 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ \times 83 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ \times 72 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 85 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ \times 52 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ \times 57 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ \times 38 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

**Solve:**

$(4x+5y)(6x-3y)$

$(x+4y)(3x-12y)$

$(15x-2y)(2x-2y)$

$(5x-3y)(5x-2y)$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Find Squares of:**

$24^2 =$ _____	$72^2 =$ _____	$93^2 =$ _____	$73^2 =$ _____
$38^2 =$ _____	$56^2 =$ _____	$57^2 =$ _____	$87^2 =$ _____
$85^2 =$ _____	$17^2 =$ _____	$39^2 =$ _____	$66^2 =$ _____
$29^2 =$ _____	$44^2 =$ _____	$62^2 =$ _____	$91^2 =$ _____
$19^2 =$ _____	$27^2 =$ _____	$32^2 =$ _____	$47^2 =$ _____
$43^2 =$ _____	$16^2 =$ _____	$77^2 =$ _____	$62^2 =$ _____