

## VEDIC MATHEMATICS - LEVEL 2

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

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

### Multiply:

$32 \times 99 =$ _____	$31 \times 99 =$ _____	$42 \times 9 =$ _____	$62 \times 999 =$ _____
$41 \times 99 =$ _____	$78 \times 99 =$ _____	$28 \times 9 =$ _____	$73 \times 999 =$ _____
$54 \times 99 =$ _____	$92 \times 99 =$ _____	$37 \times 9 =$ _____	$85 \times 999 =$ _____
$25 \times 99 =$ _____	$72 \times 99 =$ _____	$18 \times 9 =$ _____	$49 \times 999 =$ _____
$86 \times 99 =$ _____	$61 \times 99 =$ _____	$58 \times 9 =$ _____	$67 \times 999 =$ _____

$\begin{array}{r} 18 \\ \times 42 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ \times 71 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 45 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ \times 29 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ \times 87 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 46 \\ \hline \end{array}$
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$\begin{array}{r} 28 \\ \times 46 \\ \hline \end{array}$	$\begin{array}{r} 46 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ \times 55 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ \times 78 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ \times 59 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ \times 24 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ \times 41 \\ \hline \end{array}$
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$\begin{array}{r} 13 \\ \times 23 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ \times 92 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ \times 26 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ \times 14 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ \times 76 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ \times 44 \\ \hline \end{array}$	$\begin{array}{r} 32 \\ \times 90 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ \times 13 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ \times 62 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 23 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ \times 45 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ \times 21 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ \times 46 \\ \hline \end{array}$	$\begin{array}{r} 62 \\ \times 72 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ \times 71 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ \times 42 \\ \hline \end{array}$
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$59 \times 11 =$ _____	$61 \times 12 =$ _____	$32 \times 22 =$ _____	$44 \times 33 =$ _____
$60 \times 11 =$ _____	$23 \times 12 =$ _____	$49 \times 22 =$ _____	$37 \times 33 =$ _____
$21 \times 11 =$ _____	$43 \times 12 =$ _____	$71 \times 22 =$ _____	$54 \times 33 =$ _____
$13 \times 11 =$ _____	$54 \times 12 =$ _____	$63 \times 22 =$ _____	$32 \times 33 =$ _____
$71 \times 11 =$ _____	$62 \times 12 =$ _____	$27 \times 22 =$ _____	$28 \times 33 =$ _____

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

$\begin{array}{r} 56 \\ \times 59 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ \times 47 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ \times 81 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ \times 42 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ \times 62 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ \times 91 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ \times 31 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ \times 29 \\ \hline \end{array}$
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$\begin{array}{r} 36 \\ \times 41 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ \times 79 \\ \hline \end{array}$	$\begin{array}{r} 62 \\ \times 63 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ \times 62 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ \times 59 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ \times 52 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ \times 32 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 92 \\ \hline \end{array}$
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### Solve:

$$(2a+2b) (a+b)$$

$$(3a+b) (2a+b)$$

$$(3x-2y) (2x+4y)$$

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Find Squares of:

$21^2 =$ _____	$72^2 =$ _____	$75^2 =$ _____	$35^2 =$ _____
$34^2 =$ _____	$91^2 =$ _____	$33^2 =$ _____	$43^2 =$ _____
$87^2 =$ _____	$48^2 =$ _____	$97^2 =$ _____	$69^2 =$ _____
$36^2 =$ _____	$56^2 =$ _____	$82^2 =$ _____	$90^2 =$ _____