## The Redeemer C. of E. Primary School

Times Tables (7x)	Times Tables (9x)	Vocabulary
1 x 7 = 7 7 x 7 = 49 2 x 7 = 14 8 x 7 = 56	1 x 9 = 9 2 x 9 = 18 7 x 9 = 63 8 x 9 = 72	<b>Sum</b> – the value of two or more numbers when added.
3 x 7 = 21 4 x 7 = 28 10 x 7 = 63 10 x 7 = 70	$3 \times 9 = 27$ $4 \times 9 = 36$ $9 \times 9 = 81$ $10 \times 9 = 90$	<b>Product</b> - the value of two or numbers when multiplied.
$5 \times 7 = 35$ $6 \times 7 = 42$ $11 \times 7 = 77$ $12 \times 7 = 84$	$5 \times 9 = 45$ $6 \times 9 = 54$ $11 \times 9 = 99$ $12 \times 9 = 108$	<b>Multiple</b> – a number that can be divided
7 x 7 = 7 squared = 49	$9 \times 9 = 9$ squared or $9^2 = 81$	<b>Factor</b> – a number that is multiplied by an-
Times Tables (11x)	Times Tables (12x)	other number, resulting in a product.
1 x 11 = 11 2 x 11 = 22 3 x 11 = 33 7 x 11 = 77 8 x 11 = 77 8 x 11 = 88 9 x 11 = 99	$1 \times 12 = 12$ $7 \times 12 = 84$ $2 \times 12 = 24$ $8 \times 12 = 96$ $3 \times 12 = 36$ $9 \times 12 = 108$	<b>Estimate</b> – Having an educated guess (perhaps based on rounding) at what the answer might be.
4 x 11 = 4410 x 11 = 1105 x 11 = 5511 x 11 = 1216 x 11 = 6612 x 11 = 132	$4 \times 12 = 48$ $10 \times 12 = 120$ $5 \times 12 = 60$ $11 \times 12 = 132$ $6 \times 12 = 72$ $12 \times 12 = 144$	<b>Inverse Operation</b> – to reverse the effect of an operation (i.e. addition and subtraction; multiplication and division).
11 x 11 =11squared= 121	12x12=12squared or 12 <sup>2</sup> =144	<b>Equivalent</b> – having the same value
Number Line		
-10 -9 -8 -7 -6 -5 -4 -3 ++++++++++++++++++++++++++++++++++++	-2 -1 0 1 -4 5 6 +++++++++++++++++++++++++++++++++++	using known facts $4 \times 7 = 28$ $7 \times 4 = 28$ $40 \times 7 = 280$ $400 \times 7 = 2,800$ $4 \times 70 = 280$ $4 \times 70 = 2,800$ $4 \times 700 = 2,800$ $9,000  10,000$
Addition Subt	raction Multiplication	Division
Addition       Subt         -       7       9         6       5       4         +       1       3       1       2         2       0       4       5       -         1       1       1       -       -	Taction       Multiplication         Th       H       T       O $67$ $13$ $12$ $15$ 2       4       0       6         4       9       1       9	Division $844 \div 4 =$ 7 7 7 7 7 7 100 10
Addition       Subt         -       7       9         6       5       4         +       1       3       1       2         2       0       4       5       -         1       1       1       -       -         Rounding       -       -       -	Taction       Multiplication         Th       H       T       O         67       13       12       15         2       4       0       6         4       9       1       9	Division $844 \div 4 =$ 7 7 7 7 7 7 100 100 10 10 100 10 1000 100 1000 1000 1000 1000 1
Addition       Subt         7       9         6       5         +       1         2       0         1       1         1       1         Nounding         Round 3,851 to the nearest 10	Taction       Multiplication         Th       H       T       O         67       13       12       15         2       4       0       6         4       9       1       9         2       8       0       6         3       12       15       2         2       4       0       6         4       9       1       9         2       8       9       1         4       9       1       9         3       8       1       1         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9       1       9         4       9 <td><b>Division</b> 844 ÷ 4 = 1 7 7 7 7 844 ÷ 4 = <math>\frac{1}{100}</math> 100 10 10 100 10 10 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000 10000 10000 10000 100000 10000000 1000000000000000000000000000000000000</td>	<b>Division</b> 844 ÷ 4 = 1 7 7 7 7 844 ÷ 4 = $\frac{1}{100}$ 100 10 10 100 10 10 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000 10000 10000 10000 100000 10000000 1000000000000000000000000000000000000
AdditionSubt $7$ 9 $6$ $7$ $+$ $3$ $2$ $0$ $2$ $0$ $1$	Taction       Multiplication         Th       H       T       O $67$ $13$ $12$ $15$ $13$ $12$ $15$ 2       4       0       6       9 $1$ $9$ $1$ 4       9       1       9 $2$ $2$ $2$ $3,851$ to the nearest 100         Thousands       Hundreds       Tens       Ones         2       8 $5$ $1$ $1$	Division         1         7         7         7         7         7         7         7         7         7         7         844 ÷ 4 =         H         1
Addition       Subt         7       9         6       5         +       1         2       0         1       1         1       1         Rounding         Round 3,851 to the nearest 10         Thousands       Hundreds       Tens       Ones         3       8       5       1	ThHTO $\overline{0}$ $1$ $2$ $1$ $\overline{0}$ $1$ $2$ $1$ $2$ $4$ $0$ $6$ $4$ $9$ $1$ $9$ $4$ $9$ $1$ $9$ $2$ $2$ $2$ Round 3,851 to the nearest 100Thousands Hundreds Tens Ones $3$ $8$ $5$ $1$	Division1 $844 \div 4 =$ 7 $\overline{1}$ 7 $\overline{1}$ 7 $\overline{10}$ Round 3,851 to the nearest 1,000Thousands Hundreds Tens Ones $\overline{3}$ $\overline{8}$ $\overline{5}$ $\overline{1}$ $\overline{1}$
AdditionSubt	ThHTO $67$ $13$ $12$ $15$ 24064919240649192406491938513851When you round to the nearest 100, look at the digit in the tens column.	Division1 $844 \div 4 =$ 7 $\overline{1}$ 7 $\overline{1}$ 7 $\overline{1}$ 7 $\overline{10}$
AdditionSubt $I$ $I$ $T$ $9$ $I$ $G$ $5$ $I$ <tr< td=""><td>Taction       Multiplication         Th       H       T       O         67       13       12       15         2       4       0       6         4       9       1       9         x       9       1       9         x       9       1       9         x       9       1       9         x       0       1       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1</td><td>Division1<math>844 \div 4 =</math>7<math>\overline{1}</math>7<math>\overline{1}</math>7<math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline{1}</math><math>\overline</math></td></tr<>	Taction       Multiplication         Th       H       T       O         67       13       12       15         2       4       0       6         4       9       1       9         x       9       1       9         x       9       1       9         x       9       1       9         x       0       1       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1       9       1         x       1	Division1 $844 \div 4 =$ 7 $\overline{1}$ 7 $\overline{1}$ 7 $\overline{1}$ $\overline$

