

Times Tables	Order Numbers	l one	Naming numbers	MATHS KNOWLEDGE ORGANISER - YEAR 2
25IO3 $2 \times 0 = 0$ $5 \times 0 = 0$ $10 \times 0 = 0$ $3 \times 0 = 0$ $2 \times 1 = 2$ $5 \times 1 = 5$ $10 \times 1 = 10$ $3 \times 1 = 3$ $2 \times 2 = 4$ $5 \times 2 = 10$ $10 \times 2 = 20$ $3 \times 2 = 6$ $2 \times 3 = 6$ $5 \times 3 = 15$ $10 \times 3 = 30$ $3 \times 3 = 9$ $2 \times 4 = 8$ $5 \times 4 = 20$ $10 \times 4 = 40$ $3 \times 4 = 12$ $2 \times 5 = 10$ $5 \times 5 = 25$ $10 \times 5 = 50$ $3 \times 5 = 15$ $2 \times 6 = 12$ $5 \times 6 = 30$ $10 \times 6 = 60$ $3 \times 6 = 18$ $2 \times 7 = 14$ $5 \times 7 = 35$ $10 \times 7 = 70$ $3 \times 7 = 2$ $2 \times 8 = 16$ $5 \times 8 = 40$ $10 \times 8 = 80$ $3 \times 8 = 2$ $2 \times 9 = 18$ $5 \times 9 = 45$ $10 \times 9 = 90$ $3 \times 9 = 2$ $2 \times 10 = 20$ $5 \times 10 = 50$ $10 \times 10 = 100$ $3 \times 10 = 3$ $2 \times 12 = 24$ $5 \times 12 = 60$ $10 \times 12 = 120$ $3 \times 12 = 3$ Place Value	Compare tens first $ \begin{array}{c} Tens & Ones \\ 5 & 1 \\ 2 & 9 \\ 7 & 3 \\ 5 & 7 \\ 7 & 3 \\ 7 & 3 \\ 5 & 7 \\ 7 & 3 \\ 7 & $	2 two 3 thr: 4 fou 5 five 6 six 7 seve 8 eigh 9 nin 10 ten 11 elev 12 twe 13 thir 14 fou 15 fif 16 sixta 17 seve 18 eigh	ee 21 twenty-one r 22 twenty-two 2 23 twenty-three 24 twenty-four n 25 twenty-five 25 twenty-five 26 twenty-six 27 twenty-seven 28 twenty-eight en 29 twenty-nine 1ve 30 thirty teen 40 forty rteen 50 fifty teen 60 sixty 29 seventy nteen 80 eighty 10 forty	to IO IO + 0 0 + 10 9 + 1 1 + 9 8 + 2 2 + 8 7 + 3 3 + 7 6 + 4 4 + 6 5 + 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Can all be paired End in 2, 4, 6, 8, 0 2 4 6 8 10	10 eug 19 nin 20 twe Odd C End in 1,3,5,7,	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 + 8 + 12 $12 + 8 + 12$ $11 + 9 + 11$ $10 + 10$ $12 + 8 + 12$ $10 + 10$
Addition and Subtraction 3 + 2 = 5 5 - 2 = 3 Subtraction 3 + 2 = 5 Subtraction 3 + 2 = 5 3 + 2 = 5 3 + 2 = 5 3 + 2 = 5 3 + 2 = 3 3 +	20 + 5 = 25 25 - 3 = 22	20 + 5 25 25 - 3 22 25	Vocabulary Add sum total + plus altogether Subtract take away - difference How many more? How many less? How many left?	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}{} \end{array} \\ \end{array} \end{array} \\ \end{array} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} $
5 - 3 = 2 Part - whole + + 6 = 20 Bar model model 6 + + = 20 20 - 6 = + 20 - 6 = + 20 - 14 6 20 20 - 14 6	25 - 10 = 15 $25 - 13 = 12$	- 10 15 25 - 13 12	Multiplytimesproduct×doubletripleDividesharesplit÷groupEqualsismakes=gives	$\begin{array}{c} \downarrow + \downarrow + \downarrow = 12 \\ \downarrow \times 3 = 12 \\ 3 + 3 + 3 + 3 = 12 \\ 3 \times \downarrow = 12 \end{array} \qquad (2) \qquad$