



# MARVELLOUS MENTAL MATHS - KEY SKILLS!



## MULTIPLICATION AND DIVISION

Know your 2x 5x 10x tables inside out and recognise their multiples

### 2 Times Table

$0 \times 2 = 2$   
 $1 \times 2 = 2$   
 $2 \times 2 = 4$   
 $3 \times 2 = 6$   
 $4 \times 2 = 8$   
 $5 \times 2 = 10$   
 $6 \times 2 = 12$   
 $7 \times 2 = 14$   
 $8 \times 2 = 16$   
 $9 \times 2 = 18$   
 $10 \times 2 = 20$   
 $11 \times 2 = 22$   
 $12 \times 2 = 24$   
 And  $\div$  facts  
 For example:  
 $4 \div 2 = 2$   
 $8 \div 2 = 4$   
 $16 \div 2 = 8$

### 5 Times Table

$0 \times 5 = 0$   
 $1 \times 5 = 5$   
 $2 \times 5 = 10$   
 $3 \times 5 = 15$   
 $4 \times 5 = 20$   
 $5 \times 5 = 25$   
 $6 \times 5 = 30$   
 $7 \times 5 = 35$   
 $8 \times 5 = 40$   
 $9 \times 5 = 45$   
 $10 \times 5 = 50$   
 $11 \times 5 = 55$   
 $12 \times 5 = 60$   
 And  $\div$  facts  
 For example:  
 $15 \div 5 = 3$   
 $20 \div 5 = 4$   
 $45 \div 5 = 9$

### 10 Times Table

$0 \times 10 = 0$   
 $1 \times 10 = 10$   
 $2 \times 10 = 20$   
 $3 \times 10 = 30$   
 $4 \times 10 = 40$   
 $5 \times 10 = 50$   
 $6 \times 10 = 60$   
 $7 \times 10 = 70$   
 $8 \times 10 = 80$   
 $9 \times 10 = 90$   
 $10 \times 10 = 100$   
 $11 \times 10 = 110$   
 $12 \times 10 = 120$   
 And  $\div$  facts  
 For example:  
 $30 \div 10 = 3$   
 $40 \div 10 = 4$   
 $80 \div 10 = 8$

## PLACE VALUE AND COUNTING

Read any number to at least 100

Recognise the place value of each digit in a two-digit number  
Partition numbers up to 100 into 10s and 1s (e.g.  $25 = 20 + 5$ )

Compare and order numbers to 100

Count in steps of 2, 3 and 5 from 0 forwards and backwards  
Count in steps of 10 from any number forwards and backwards  
Recognise ODD and EVEN numbers

## NUMBER BONDS

Know number bonds and recall fluently for all the numbers up to 20  
(e.g. bonds to 8, bonds to 12)

### Number Bonds to 20 (And subtraction facts)

$0 + 20 = 20$   
 $11 + 9 = 20$   
 $12 + 8 = 20$   
 $13 + 7 = 20$   
 $14 + 6 = 20$   
 $15 + 5 = 20$   
 $16 + 4 = 20$   
 $17 + 3 = 20$   
 $18 + 2 = 20$   
 $19 + 1 = 20$   
 $20 + 0 = 20$

### Number Bonds to 100 (And subtraction facts)

$0 + 100 = 100$   
 $10 + 90 = 100$   
 $20 + 80 = 100$   
 $30 + 70 = 100$   
 $40 + 60 = 100$   
 $50 + 50 = 100$   
 $60 + 40 = 100$   
 $70 + 30 = 100$   
 $80 + 20 = 100$   
 $90 + 10 = 100$   
 $100 + 0 = 100$

Y2

## FRACTION ACTION!

Count in  $\frac{1}{2}$ s and  $\frac{1}{4}$ s from any number up to 10 (e.g.  $1 \frac{1}{4}$ ,  $1 \frac{1}{2}$ ,  $1 \frac{3}{4}$ , 2 etc.)

Recognise simple equivalent fractions (e.g.  $\frac{2}{4}$  and  $\frac{1}{2}$ )

Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  of a length, shape, quantity or set of objects

Fluent recall of DOUBLES and HALVES up to 20

Interactive Resources: Multiple Wipeout, Table Mountain, Wipeout Wall Division, Number Bond Balloons, Eggs to Order  
 Dice Games: Don't Roll a 6, 4 Rolls to 100, The Nice Nasty Game