



## Maths tips for parents P3

Please keep for future reference



Within this booklet are the methods which the children are shown to set out mathematical calculations throughout the year. Also included is some mathematical language which your children use daily during maths lessons.

### 100 square

Moving across makes the unit digit bigger or smaller. Moving up or down a row increases or decreases a number by 10. The order in which you move doesn't matter, you will end up at the same place if you:

- add 20 then 4 or add 4 then 20

$$32 + 24$$

1. 32 add 20 is 52
2. 52 add 4 units
3. The answer is 56

|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

### Partitioning

Calculations are carried out by splitting numbers into tens and units.

$37 + 51$  can be split into:

- a)  $37 + 51 = 37 + 50 + 1 = 87 + 1 = 88$
- b)  $37 + 51 = 30 + 50 + 7 + 1 = 80 + 8 = 88$

## Addition

$$\begin{array}{r} \text{T} \quad \text{U} \\ 1 \quad 5 \\ + \quad \underline{11 \quad 7} \\ 15+17 \quad \underline{\underline{3 \quad 2}} \end{array}$$

1. Add the units. 5 units and 7 units gives 12 units.
2. Exchange 10 units for 1 ten.
3. Write the 2 in the units column of the answer and carry the 1 ten.
4. Add the tens. 1 ten and 1 ten gives 2 tens and another 1 ten gives 3 tens.
5. Write the 3 in the tens column of the answer.
6. The answer is 32.

## Subtraction

$$\begin{array}{r} \text{T} \quad \text{U} \\ \overset{2}{\cancel{3}} \quad 15 \\ - \quad \underline{1 \quad 7} \\ 1 \quad \underline{\underline{8}} \end{array}$$

35 take away 17

1. Subtract the units.
2. 5 take away 7 I cannot do.
3. Exchange 1 ten for 10 units
4. 15 take away 7 is 8.
5. Write the 8 in the units column of the answer.
6. Subtract the tens.
7. 2 take away 1 is 1.
8. Write the 1 in the tens column of the answer.
9. The answer is 18.

## Maths Terms

- P3
- + add, plus, and, together, total, sum of
  - take away, subtract, minus, difference, how many are left?, how many more? More than, less than
  - x sets of, times, multiply
  - : divide, share, make sets of