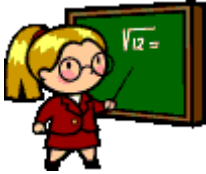




# HELPING AT HOME MULTIPLICATION 1



It is essential that you know all of the multiplication tables from 1 to 10. These are shown in the tables square below.

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

## Mental Strategies

**Example** Find  $27 \times 7$

### Method 1

$$\begin{array}{l} 20 \times 7 \\ = 140 \end{array}$$

$$\begin{array}{l} 7 \times 7 \\ = 49 \end{array}$$

$$\begin{array}{l} 140 + 49 \\ = 189 \end{array}$$

### Method 2

$$\begin{array}{l} 30 \times 7 \\ = 210 \end{array}$$

30 is 3 too many  
so take away  $7 \times 3$

$$\begin{array}{l} 210 - 21 \\ = 189 \end{array}$$