

Year 4 Multiplication and Division

×	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

Multiplication

multiply
times
groups of
lots of
repeated addition
product
multiplied by

Division

group
grouping
sharing
half
halves
share equally
equal groups

Multiplication Strategies

Expanded Column Method

Line up the ones and the tens.

Multiply the ones.

Multiply tens.

Add the totals together.

$$\begin{array}{r}
 42 \\
 \times 6 \\
 \hline
 12 \quad (2 \times 6) \\
 240 \quad (40 \times 6) \\
 \hline
 252
 \end{array}$$

$$42 \times 6 = 252$$

Multiplication Magic

$$\begin{array}{c}
 \wedge \\
 \underline{60} \times \underline{4}
 \end{array}$$

Draw the wizard's hat to find the facts to calculate

$$6 \times 4 = \underline{24}$$

Multiply the answer by 10/100/1000

$$6 \text{ 0} \times 4$$

Write your final answer

$$60 \times 4 = 240$$