

BASIC COMPUTATION - MULTIPLICATION

Four basic operations of arithmetic are addition, subtraction, multiplication, and division.

Multiplication of numbers can be thought of **repeated addition**.

Example: 2 and 2 and 2 is 6 | $2 + 2 + 2 = 6$ | $2 \times 3 = 6$

Above, the same number is repeated three times. This can be shown as addition or multiplication. Thus we can solve repeated addition problems this way.

Example: Find the product of 24 and 3. Multiply 2 and 126

Steps to remember:

1. Line the numbers up on the right.
2. Multiply the ones first.
3. Regroup when necessary.

$$\begin{array}{r} 1 \\ 24 \\ \times 3 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 1 \\ 126 \\ \times 2 \\ \hline 252 \end{array}$$

1. Find 764×4 .

Answer = _____

2. Find the product of 245 and 5.

Answer = _____

3. Multiply 7 and 5123.

Answer = _____

4. I have 6 boxes of crayons. Each box should have 32 crayons in it. How many crayons should I have altogether?

Answer = _____

5. The first floor of the school building has 9 classrooms. There are 23 desks in each classroom. How many kids are there in the first floor of the school?

Answer = _____

6. There are 52 apples in a crate. If there are four similar crates, how many apples are there all together?

Answer = _____