- **Explore methods of how to multiply 3 numbers**
- **Find the most efficient method of calculation**
- **Apply my method to worded problems**

1. **1 x 2 x 3 ,means that there is   1** group of **2** counters**, 3 times**

1 lot   2 lots   3 lots

Use counters to work out the following: *use an orange, yellow and green pencil to show the working out in your book as shown above*

a) **1 x 2 x 3 =**
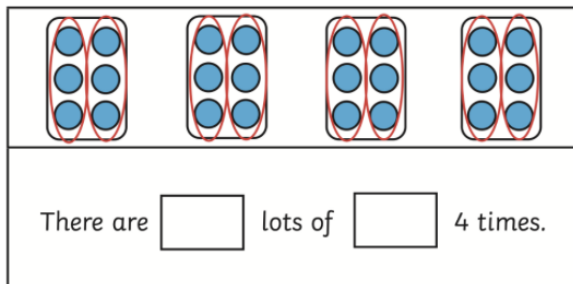(One group of 2 counters, 3 times)

b) **2 x 1 x 3 =**
(Two groups of 1 counter, 3 times)

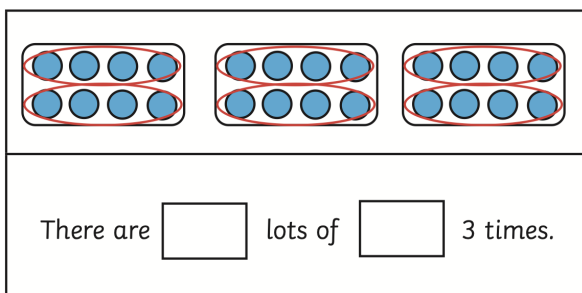c) **3 x 1 x 2 =**
(Three groups of 1 counter, 2 times)

2.

There are ☐ lots of ☐ 4 times.

☐ × ☐ × ☐ = ☐

☐ × ☐ × ☐ = ☐

☐ × ☐ × ☐ = ☐

3.

There are ☐ lots of ☐ 3 times.

☐ × ☐ × ☐ = ☐

☐ × ☐ × ☐ = ☐

☐ × ☐ × ☐ = ☐

Extension:

4. Use the most efficient method to work out the following:

a) 3 × 4 × 5   **c)** 2 × 4 × 7   **e)** 3 × 6 × 10

b) 2 × 3 × 8   **d)** 3 × 5 × 4   **f)** 2 × 5 × 12