Multiplication

To multiply you can use ‘groups of’. If the number you are multiplying is higher than 12, you will need to use the grid method.

9 x 7 (9 lots of 7)= 63

7. 14. 21. 28. 35. 42

Step 1: read your problem as \_\_\_\_ lots of \_\_\_\_\_. The first number is how many groups, the second number is how many you will have in each group.

Step 2: Draw your circles and put the right amount in each. Eg. I drew 9 circles and put 7 dots in each. (Be careful not to put the dots too close)

Step 3: Count how many dots you have all together.

49. 56. 63

36 x 6

|  |  |  |
| --- | --- | --- |
| x | 30 | 6 |
| 6 | (30x6) 180  | (6 x 6) 36 |

180

Step 1: Draw out your grid. The biggest number needs to be partitioned into tens and ones (36 turns into 30 and 6). The number you are multiplying by goes at the side.

Step 2: Start multiplying each column. Top tip- to multiply 30 by 6, multiply 3x6=18 and then 18x10=

Step 3: Add the two amounts together.

 36

216

1