

Use your times-table facts to balance these calculations.



How many different ways can you find to balance the last calculation?

Think of all the number facts you can say about this number



What does this word mean?

Factor

A factor is a number or quantity that when multiplied with another produces a given number

To find the factor pairs of 24. These are the sets of times tables that multiply to result in 24!

> You could have 24 x 1 and 12x2 and 8x3 and 6x4, which are the inverse, but we have already found these factor pairs so we don't need to write them again!

Think how you can be methodical to help to avoid missing any? Start with 1!



What are the factor pairs of 12 using arrays ?



2x6 or 6x2

1x12 or 12x1



3x4 or 4x3



Your Task is to find factor pairs using arrays:

Write the number first, then draw counters to show the different arrays for each of the following numbers, rearranging the order of each one to find all of the factor pairs.

20	24	36
48	35	27