## Power Up

Use your times-table facts to balance these calculations.


Compare your answers with your partner's answers. How many different ways can you find to balance the last calculation?

## LO: To identify factor pairs.

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

24

## LO: To identify factor pairs.

## What does this word mean?

## Factor

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

## LO: To identify factor pairs.

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

You could have $24 \times 1$ and $12 \times 2$
and $8 \times 3$ and $6 \times 4$, 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 !

## LO: To identify factor pairs.

What are the factor pairs of 12 using arrays ?


## LO: To identify factor pairs.

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.

$$
\begin{array}{cccc}
20 & 24 & & 36 \\
48 & 35 & 27 &
\end{array}
$$

