



Maths – Soft Drink Cans



L1: To choose, implement and apply a division related problem solving strategy

Task

This problem solving activity will be the start of our division investigation. For this task, you need to carefully read the following scenario:

Below is a picture of a crate, which is used to hold soft drink cans. The crate can hold 24 cans of soft drink in 4 rows of 6. However, from this crate of 24 cans, 6 have been sold. There are now 18 left.

Can you place all 18 cans in the crate below, so that every row and column have an even number? Can you find more than one way?

Rows →

Columns



Challenge

Can you place 15 cans in the above crate, so that every row and column have an even number?

Super Challenge

Can you place 10 cans in the above crate below, so that every row and column have an even number?