

Vocabulary

Division, dividing, divide

Grouping

Sharing (equally)

Doubling

Halving

Array

New vocabulary

Remainder - The amount left when a number can not be shared equally without using decimals

Division Year 3 Knowledge organiser

Concrete resources

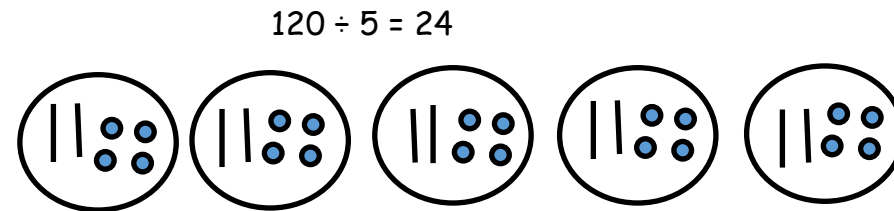
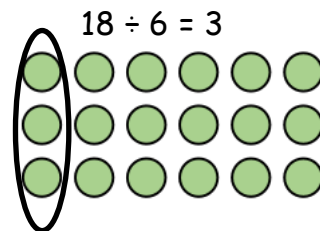
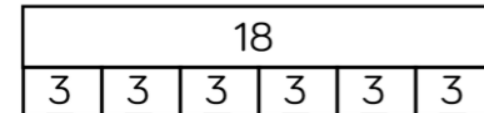
Counters

Base 10 blocks

Multiplication square

Pictorial representation

$$18 \div 3 = 6$$



Objectives

- Equal groups
- Divide by 3
- 3 times table (division facts)
- Divide by 4
- 4 times table (division facts)
- Divide by 8
- 8 times table (division facts)
- Comparing statements
- Divide 2-digit by 1-digit numbers

Abstract

$$76 \div 2 = 38$$

Method set up memory aid

Think of a bus stop.

The digit next to the bus stop is how many buses expected to arrive (smaller). The number under the bus stop is the number of people waiting for a bus (bigger). The number above the bus stop shows how many people should get on each bus (the answer).

Prior learning

Use 2, 5 and 10 times tables and relating division facts.

Recognise equal groups and represent this using arrays.

Understand the meaning of the symbol "x" and use it to develop number sentences