

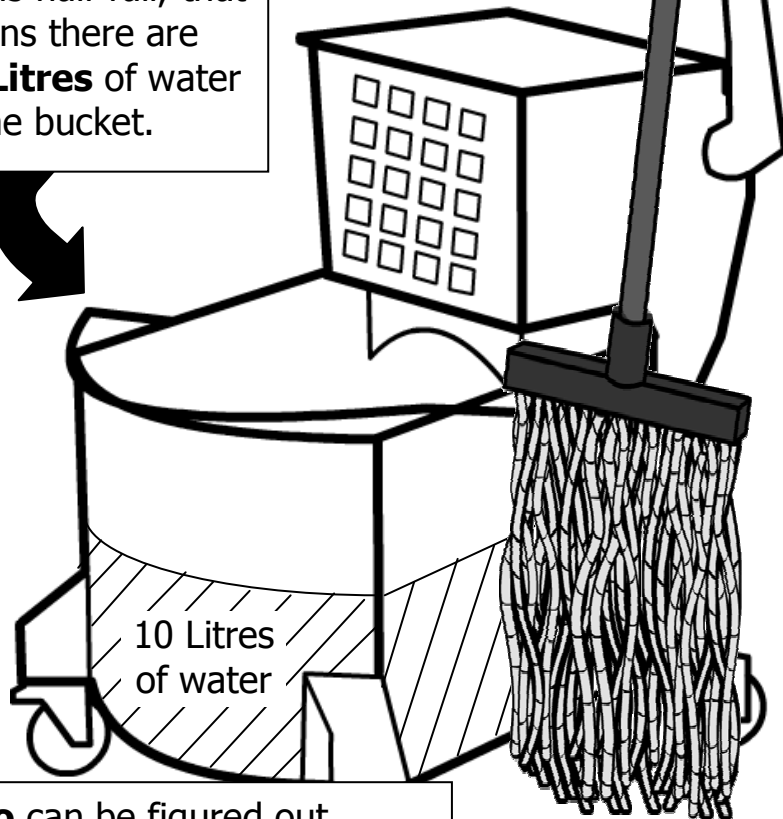
Activity

Understanding Ratios

Skills: Text Use, Numeracy, Document Use
Profiled: Cleaner
Other Applications: All

This is a **20 Litre** bucket used for mopping floors. If it is half full, that means there are **10 Litres** of water in the bucket.

The **concentrated cleaning solution** must be mixed with water before using. The **ratio** tells us to mix **1 part** cleaner with **50 parts** water.



A **ratio** can be figured out like this:

$$1:50 \text{ means } 1/50$$

$$1 \div 50 = .02 \text{ (or 2\%)}$$

So, for 1 Litre we must add .02 Litre (20ml).

To find out how much cleanser we need for 10L of water we must multiply by 10:

$$1\text{L} \times 10 = 10\text{L of water}$$

and

$$20\text{ml} \times 10 = 200\text{ml of cleanser}$$

