

Numbers and the Number System 6, Introducing decimal fractions

Milk Round

How this will help your child

- This activity will allow your child to practise writing and saying decimal fractions (decimal numbers).
- It will help them to understand that tenths are 10 times smaller than one whole.

Words and phrases to use

whole, part, tenth, one, decimal fraction, decimal number

You will need

- Scissors
- A pencil

During the activity, look at what your child can do

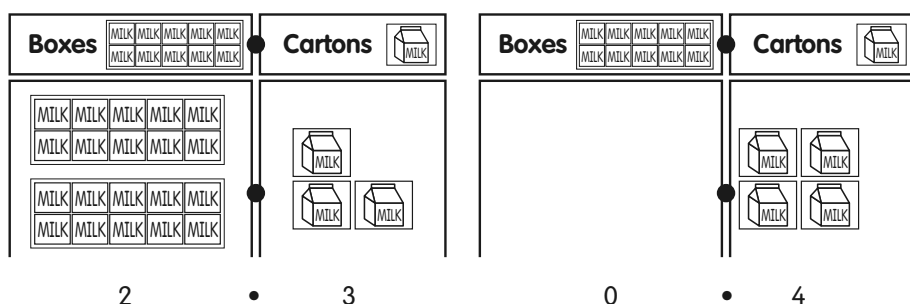
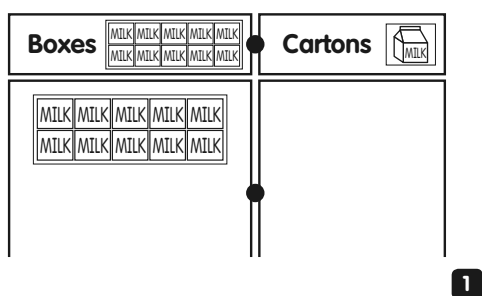
- Use pictures to show decimal fractions.
- Write and say decimal fractions.

What to do

- Look at the school classroom plan and the milk cartons and boxes on the Milk Round sheet.
- Explain that the small cartons of milk are delivered in boxes of 10 cartons. The box is the 'whole' and the cartons are the 'parts' of the whole. A carton is one tenth (0.1, zero point one) of one box.
- Cut out the three milk box cards and the nine carton cards.
- Ask your child to find Class 5A on the plan and read the number out loud ('one point zero'). Ask them to use a box card to show 1.0 on the grid. **1**
- Explain how this has been recorded in the table: 1 whole box and 0 cartons (1.0 boxes) is enough milk for 10 children.
- Repeat for all the classrooms and ask your child to complete the table, each time writing the decimal fraction and the number of children. **2**
- Each time encourage them to say the number out loud, e.g. 'two point three' or 'zero point four'.

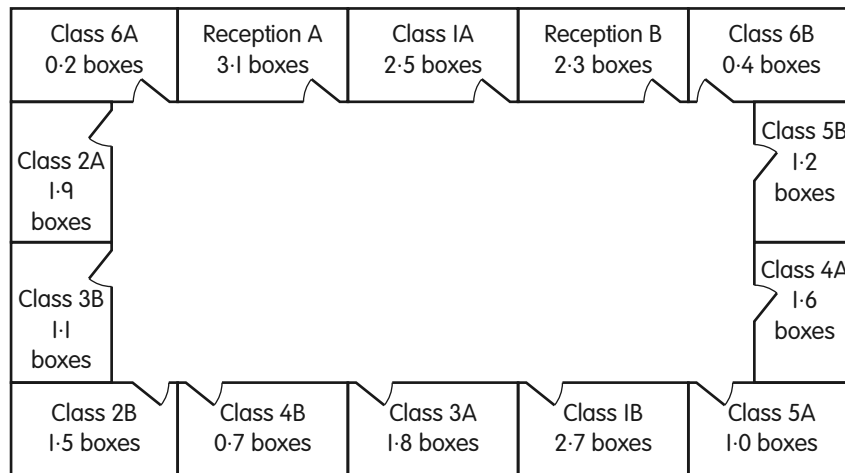
Next steps...

- Put the classes in order from the class needing the least milk to the class needing the most.
- Read amounts from digital measuring devices that show tenths, e.g. a thermometer or a pedometer.



Class	Boxes	Children
5A	1.0	10
Reception B	2.3	23
6B	0.4	4

Milk Round



Class	Boxes	Children
5A	1.0	10

Boxes

1 box (10 cartons in 1 box)

Cartons

1 carton

