

Fractions 2 Pupil Book


Once you are confident that the children have grasped the concept of the lesson, they should turn to the corresponding unit in their pupil book. This offers varied activities of increasing difficulty that provide plenty of repetition, practice and challenge to consolidate learning.

The pupil book begins with a simple introduction which clearly explains the purpose of the book and how it is used. This introduction supports your own instructions for the children as they start this book. It is also a useful reference for parents if you decide to set sections of the pupil book as homework. Below is an example lesson from the pupil book.


UNIT 1 Know and use the notation for quarters of shapes
Schofield & Sims Fractions, Decimals and Percentages Fractions 2

Key point


The word 'quarter' is used when something is split into four equal parts. The number 4 on the bottom of a fraction tells us it is quarters. The top number tells us how many quarters.




one-quarter $\frac{1}{4}$



two-quarters $\frac{2}{4}$


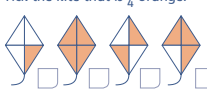





three-quarters $\frac{3}{4}$

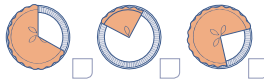


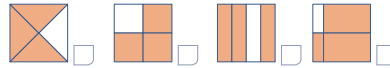
four-quarters $\frac{4}{4}$

Get started

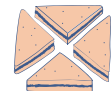
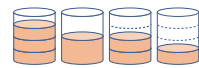

- 1 Colour $\frac{1}{4}$ of the jigsaw. 
- 2 Tick the kite that is $\frac{3}{4}$ orange. 
- 3 Complete the fraction to show two-quarters. $\frac{2}{\square}$
- 4 Colour $\frac{2}{4}$ of the circle. 
- 5 Write a fraction in the box to show how much of this flower is orange. 
- 6 Colour $\frac{4}{4}$ of this pattern. 

Now try these

- 7 Circle the fraction that shows three out of four equal parts. $\frac{1}{4}$ $\frac{4}{3}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{1}{2}$
- 8 Tick the picture that shows $\frac{3}{4}$ of a pie. 

- 9 Circle the fraction that shows two-quarters. $\frac{1}{4}$ $\frac{2}{4}$ $\frac{4}{4}$ $\frac{3}{4}$
- 10 Tick the squares that are $\frac{3}{4}$ shaded. 
- 11 Circle the amount which is more: $\frac{2}{4}$ of an apple $\frac{3}{4}$ of an apple
- 12 What number is on the bottom of the fraction when you write three-quarters in digits? $\frac{\quad}{\quad}$

Challenge

- 13 Fill in the box to show one whole. $\frac{\square}{4}$ 
- 14 Jo eats $\frac{1}{4}$ of this sandwich. What fraction of the sandwich is not eaten? $\frac{\quad}{\quad}$
- 15 Two children each eat $\frac{1}{4}$ of a cereal bar. How much of the bar is left? $\frac{\quad}{\quad}$
- 16 Yes or no? $\frac{1}{2}$ and $\frac{2}{4}$ are the same amount. Yes No 
- 17 Yes or no? $\frac{3}{4}$ and $\frac{1}{4}$ together make a whole. Yes No
- 18 Write a fraction in the box to show the total of one-half of a cake and one-quarter of a cake. $\frac{1}{2} + \frac{1}{4} = \frac{\square}{\square}$ 

Each unit in the pupil book begins with a child-friendly summary of the **Key point** of the lesson, as a reminder for the child and to assist parents in supporting their children at home.

The practice questions in each unit are divided into three sections.

- **Get started** – Quick questions to help the child gain confidence in the topic, with a variety of straightforward practice questions related to the learning objective.
- **Now try these** – Additional number and practical problems to take the topic further with more varied vocabulary and representations.
- **Challenge** – Problem-solving questions involving greater challenge, such as measurement and money contexts and links to other more complex concepts.

The children should write their answers directly into their own pupil book. Each completed pupil book provides a permanent record of achievement and encourages the children to take pride in their work. Two **Check-up tests**, a **Final test** and a **How did I find it?** checklist are also included in each pupil book. These help you to monitor the children's progress.