

Year 3 Problem Solving With Adding and Subtracting Fractions

Lesson Guidance

Learning Outcomes and Glossary

Learning Objective

Your child will learn how to practise solving problems with adding and subtracting fractions.

Glossary

- **Numerator** – The top part of a fraction. It shows how many parts of the whole are being considered.
- **Denominator** – The bottom part of a fraction. It shows how many equal parts the whole has been split into.
- **Equivalent** – This means equal in value. For example, equivalent fractions may use different numerators and denominators, but represent the same part of a whole.

Learning

Video – Problem Solving with Adding and Subtracting Fractions

- The aim of this video tutorial is to show children how to practise solving problems with fractions using addition and subtraction.
- Throughout the video, there are a number of questions for children to answer. You will need to pause the video at these points to allow children time to answer.
- Children could practise more examples of adding and subtracting fractions by creating their own problems to solve.

Practise

Worksheet

- There are two questions to complete which involve adding and subtracting fractions. The questions allow children to practise their problem solving skills as they are both open-ended questions, meaning there could be more than one correct possible answer.

Interactive Game

- There are five questions to answer on this interactive game. Each question is split into two parts ('a' and 'b'), the second part is a reasoning question to support children's explanation methods. Children will demonstrate their knowledge of adding and subtracting fractions through problem solving.