

Exploring Fractions

Learning objective: To understand and represent fractions using diagrams and real-life examples.

Use this template to help you learn about fractions. Fill in the sections with your understanding and examples. Draw pictures to help show what you have learned.

Fractions are a way of showing parts of a whole. For example, if you have a chocolate bar and you break it into two equal pieces, each piece is a half of the whole bar. If you break each of those halves into two equal pieces, you now have quarters. Let's explore more about fractions and how to use them to describe parts of a whole.

Word bank: whole · half · quarter · eighth · denominator · numerator

1. Draw a picture of a pizza and show how to divide it into halves, then quarters, and then eighths. (2 marks)

2. What is the denominator of the fraction that represents one whole? Write your answer in the space below. (1 mark)

3. If you have a chocolate bar and you break it into 8 equal pieces, what fraction of the bar would one piece be? Write your answer as a fraction and explain your answer. (2 marks)

Draw: Draw a picture of a chocolate bar and show how to divide it into different fractions (halves, quarters, eighths).



Extension challenge: Create a story about a character who needs to use fractions to solve a problem. Write down the story and draw pictures to show the fractions used.