

Fraction Fun with Max the Monkey

Learning objective: To understand and manipulate fractions using real-life examples at a Grade 3 level.

Max, the enthusiastic monkey, has a picnic with his friends. He has a whole sandwich, which he decides to share. Help Max and his friends by filling in the blanks with the correct fraction of the sandwich. For example, if Max gives away one part of the sandwich, it should be written as $\frac{1}{4}$. Use the word bank below to complete the activity.

Word bank: $\frac{1}{2}$ · $\frac{1}{4}$ · $\frac{1}{8}$ · whole sandwich

1. Max cuts his sandwich into 4 equal pieces and gives 1 piece to his friend Pip. How much of the sandwich is given away? (2 marks)

2. Max then cuts the remaining piece into 2 equal parts and gives 1 part to Nova. How many parts of the whole sandwich does Max give to Nova? (2 marks)

3. Max has 2 parts of the sandwich left. How can you write this as a fraction? (2 marks)

Draw: Draw a picture of Max cutting the sandwich and giving parts to his friends. Use the fractions you have learned to show how much is given away each time.



Extension challenge: Max and his friends decide to bake a cake together. They need to use $\frac{2}{3}$ of the cake at a party. If the cake is cut into 8 equal pieces, how many pieces should Max and his friends take to the party?