

Max's Fraction Feast: A Math Adventure

Learning objective: To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

Max the monkey is hosting a fruit picnic! Help him organize his snacks by filling out this fraction record. Look at the fruit baskets provided and use your knowledge of fractions to calculate the shares fairly. Remember to simplify your fractions where possible.

Word bank: numerator · denominator · equivalent · simplify · fraction · parts · whole

1. Max has 10 pieces of fruit. 5 of them are apples. Write the fraction of apples as a fraction, then find an equivalent fraction. (2 marks)

2. If Max cuts a melon into 100 equal slices and gives away 20, what is the fraction given away? Write this as a simplified fraction. (2 marks)

3. Max has £10 to spend on snacks. If he spends £2.50, what fraction of his money has he spent? Show your working out. (3 marks)

4. Create your own fraction challenge: Imagine Max has 12 bananas. If he eats 4, what fraction does he have left? Explain how you found your answer. (3 marks)

5. Compare these two fractions: $\frac{3}{10}$ and $\frac{30}{100}$. Are they equivalent? Explain your reasoning using the words 'numerator' and 'denominator'. (3 marks)

Extension challenge: Challenge: If Max had a basket of 20 fruits and wanted to share them equally among 4 monkey friends, what fraction of the basket would each friend receive? Write this as a fraction and a decimal.