

Max the Monkey's Fraction Fun

Learning objective: To recognise, find, and write fractions of a set of objects and understand unit and non-unit fractions.

Max the Monkey has been busy counting his fruit collection. Help him solve these fraction puzzles by showing your working out.

Max has a basket of fruit. Use your knowledge of fractions to help him sort them out for his friends.

Word bank: numerator · denominator · fraction · part · whole · equal · share

1. Max has 12 bananas. He gives $\frac{1}{4}$ of them to Pip the caterpillar. How many bananas does Pip receive? Show your calculation. (2 marks)

2. Max has 10 apples. He gives $\frac{3}{5}$ of them to Ellie the elephant. How many apples does Ellie have? (2 marks)

3. Zara the zebra has 8 colourful patterned scarves. She gives $\frac{1}{2}$ of them away. How many scarves does she have left? (2 marks)

4. If Max has £1 and spends $\frac{1}{2}$ of it on a treat, how many pence does he have left? (2 marks)

5. Explain in your own words what the 'denominator' tells us about a fraction. (2 marks)

Draw: Draw a set of 12 oranges. Circle $\frac{2}{3}$ of the oranges to show how many Max is sharing with Leo the lion.



Extension challenge: Max finds 20 grapes. If he gives $\frac{1}{4}$ to Pip and $\frac{2}{5}$ to Ellie, how many grapes does he have remaining for himself?