

Max's Market Stall: Fractions Fun

Learning objective: To recognise, find, and write fractions of a discrete set of objects and solve problems involving fractions of amounts.

Help Max the monkey organise his market stall. Use your knowledge of fractions to calculate the prices and sort the fruit. Remember: to find a fraction of an amount, divide by the denominator and multiply by the numerator.

Max is running a fruit stall at the jungle market. He has a basket filled with 24 pieces of fruit. $\frac{1}{4}$ of the fruit are shiny red apples, $\frac{1}{3}$ are bright yellow bananas, and the rest are green pears. Max needs to label his crates correctly so his customers know exactly what they are buying today.

Word bank: denominator · numerator · fraction · equivalent · whole · part · divide

1. Max has 24 pieces of fruit in total. If $\frac{1}{4}$ of them are apples, how many apples does Max have? (2 marks)

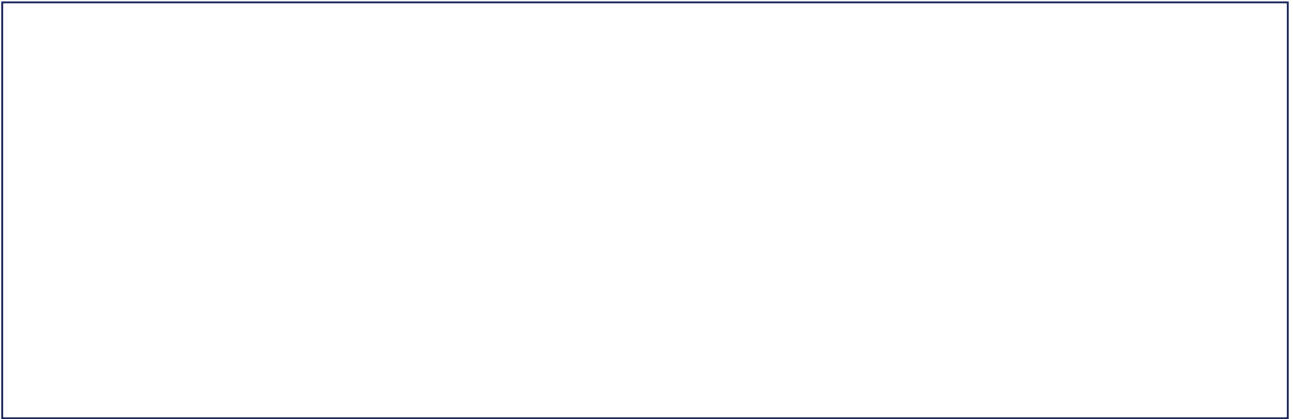
2. Max sells his bananas for £1 each. If he sells $\frac{1}{3}$ of his 24 fruits as bananas, how much money does he make from selling all his bananas? (2 marks)

3. After selling his apples and bananas, Max decides to pack the remaining fruit into two equal bags. If the remaining fruit are all pears, what fraction of the total 24 fruits are the pears? (2 marks)

4. If a customer buys $\frac{2}{8}$ of the 24 pieces of fruit, how many pieces of fruit have they bought? (2 marks)

5. Explain why $\frac{2}{8}$ is the same as $\frac{1}{4}$ using your findings from the previous questions. (2 marks)

Draw: Draw Max's fruit stall showing 6 apples, 8 bananas, and 10 pears arranged in crates.



Extension challenge: Max finds a special box of 36 mangoes. He wants to give $\frac{3}{9}$ of them to his friend Leo the lion and $\frac{2}{6}$ of them to his friend Pip the caterpillar. Who receives more mangoes, or do they receive the same amount? Show your working out!