

Kit's Forest Market Data Challenge

Learning objective: To understand how to collect, organize, and present data using tally charts and frequency tables.

Kit the fox is helping the forest animals run their market stall. He has recorded the items sold throughout the morning. Use the data provided in the table to complete the frequency column and answer the questions below. Remember to double-check your addition!

Word bank: Data · Tally · Frequency · Total · Category · Record

1. Kit sold 8 apples, 12 acorns, 5 pinecones, and 3 jars of honey. Create a frequency table to show this data. How many items did he sell in total? (2 marks)

2. If apples cost £1.50 each, how much money did Kit make from selling the apples? (2 marks)

3. Which item was the most popular? Explain why it is important to record data accurately during a sale. (2 marks)

4. If Kit decides to raise the price of a jar of honey to £2.25, how much would he make if he sold the same amount (3 jars)? (2 marks)

5. Why might a frequency table be easier to read than a list of individual tallies? (2 marks)

Draw: Draw a simple block graph (bar chart) showing the items Kit sold: Apples (8), Acorns (12), Pinecones (5), and Honey (3). Make sure to label your axes clearly.



Extension challenge: Imagine Kit sold 4 more pinecones in the afternoon. Update your total count and calculate the new total number of items sold at the forest market.