Kit's Clever Classroom Data Hunt

1. Apple: 4; Pear: 2 (2 marks)

Working: Apple tally |||| = 4; Pear tally || = 2

1 mark for each correct total.

2. Total: 6 (2 marks)

Working: Counting the 6 robin icons provided in the visual.

1 mark for the correct number, 1 mark for completing the table format.

3. 10 robins (2 marks)

Working: 6 + 4 = 10

1 mark for the correct total, 1 mark for showing the addition calculation.

4. Table: 10p coins = £2; 20p coins = £1; 50p coins = £3 (3 marks)

Working: Categorising the values provided in the prompt into a table structure.

1 mark for each correct row/category total.

5. It is important to count carefully so that the final data is accurate and the results are correct. (2 marks)

Look for: The child must identify that accuracy prevents errors in the final results.

Good: So you don't get the wrong answer.

Better: You need to count carefully so your total is right and you don't make a mistake.

Best: It is important to count carefully because if you miss a tally mark, your final data will be incorrect.

What moves an answer up: Moving from 'wrong answer' to 'incorrect data' shows a better understanding of the purpose of data collection.

What a secure answer looks like

A secure learner can accurately convert tally marks to digits and organise data into simple tables. They understand that data collection is a process requiring precision.

If your child is stuck

Ask your child to point to each tally mark one by one with their finger as they count aloud. For the table, suggest they draw three rows first and label them before filling in the numbers.

Common mistakes to watch for

Children often forget that the diagonal line in a tally (||||) represents a single count of 5, or they may miscount the total number of items in a set.