

Kit's Spreadsheet Supermarket Challenge

Learning objective: To understand how to use spreadsheets to organise data and use simple formulae to calculate totals.

Kit the fox is helping the local community shop manage their fruit prices. Look at the grid below. You need to identify which cell reference holds specific information and write the correct formula to calculate the total cost of the items. Remember: a formula in a spreadsheet must always start with an equals sign (=).

Word bank: Cell · Formula · Column · Row · SUM · Active Cell

1. Kit has put 'Apples' in cell A2 and the price '£0.50' in cell B2. If he wants to add more items in row 3, which cell reference would hold the price of the second item? (1 mark)

2. If Kit wants to calculate the total of three items found in cells B2, B3, and B4, write the formula he should type into cell B5. (2 marks)

3. Explain why we use an equals sign (=) at the start of a formula in a spreadsheet. (2 marks)

4. If Kit changes the price of Apples in cell B2 from £0.50 to £0.60, what happens to the total in cell B5? Explain why. (2 marks)

5. Kit wants to find the average price of his fruit. If the total is in cell B5 and there are 4 items, write a formula to calculate the average. (2 marks)

Draw: Draw a simple 3x3 spreadsheet grid. Label the columns A, B, and C, and the rows 1, 2, and 3. Inside the grid, write a shopping list with prices for Kit the fox to calculate.

Extension challenge: Imagine Kit is organising a school disco. Create a spreadsheet plan that includes columns for 'Item', 'Quantity', 'Price per Item', and 'Total Cost'. Write down which cells you would multiply together to find the Total Cost for one of your rows.