

Max's Market Stall Challenge

Learning objective: To solve multi-step problems involving addition, subtraction, and multiplication of money in dollars and cents, and to calculate change accurately.

Max the monkey is helping at the school charity market. Use the price list below to solve his math puzzles. For each question, show your working out clearly. Remember to use the £ sign and write your pence as two digits (e.g., £2.05).

Price List:

- Apple: £0.45
- Pencil case: £3.20
- Storybook: £4.50
- Notebook: £1.75
- Healthy snack bar: £0.80
- Pack of stickers: £1.10

Word bank: total · change · calculate · operation · sum · expenditure

1. A student buys two storybooks and one notebook. What is the total cost of their items? (2 marks)

2. Max sells 5 healthy snack bars. How much money has he collected in total? (2 marks)

3. A customer buys a pencil case for £3.20 and pays with a £5.00 note. How much change should Max give them? (2 marks)

4. If you have £10.00, can you afford to buy four notebooks? Explain your reasoning. (3 marks)

5. A friend buys an apple, a pack of stickers, and a snack bar. They pay with a £5.00 note. Calculate the total cost and the change they receive. (3 marks)

Draw: Draw a small market stall run by Max the monkey. Label the items on the stall with their prices from the list above.



Extension challenge: Max decides to offer a 'bundle deal': 3 notebooks for £4.50. How much money would a customer save compared to buying them individually at the original price?