

Max's Market Challenge: Sorting the Shop

Learning objective: To solve problems involving money in context, including calculating change and comparing amounts in pounds and pence.

Max the monkey is helping at the community market. He has a list of items and a purse containing £10.00. Use the price list below to help Max solve these money puzzles. For each question, show your working out clearly.

Market Price List: Apple (35p), Banana (45p), Loaf of bread (£1.20), Carton of milk (£1.10), Jar of honey (£2.50), Bunch of carrots (80p).

Word bank: Pounds · Pence · Change · Total · Subtract · Decimal point

1. Max buys a loaf of bread and a carton of milk. What is the total cost of these two items? (2 marks)

2. If Max pays for the bread and milk using a £5.00 note, how much change should he receive? (2 marks)

3. Max wants to buy three apples. How much will this cost in total? (2 marks)

4. Max has £2.00. Can he afford to buy a jar of honey? Explain your reasoning. (2 marks)

5. Max buys a bunch of carrots and one banana. He pays with a £2.00 coin. How much change is he given? (2 marks)

Draw: Draw a picture of Max the monkey standing at his market stall with his favourite items from the price list. Label each item with its price in £ or p.



Extension challenge: Max decides he wants to buy one of everything on the price list. Calculate the total cost of all six items. If he has a £10.00 note, does he have enough money? If not, how much more does he need?