

Max's Market Maths Challenge

Learning objective: To assess understanding of identifying coins, calculating totals, and finding change using £ and p.

Read each question carefully. Show your working out clearly to gain extra marks. Use the £ and p symbols correctly in your answers.

Max the monkey is visiting the woodland market. He wants to buy some fruit for his friends. A banana costs 30p, an apple costs 45p, and a bunch of grapes costs 80p. Max has a £1 coin and some smaller silver coins in his pocket.

Word bank: pence · pounds · total · change · coins · value · subtract · add

1. Max buys one banana and one apple. What is the total cost? Show your working out. (2 marks)

2. If Max pays for the banana (30p) with a 50p coin, how much change should he receive? (2 marks)

3. Write down two different ways to make 20p using only silver coins. (2 marks)

4. Ellie the elephant buys a bunch of grapes for 80p. She pays with a £1 coin. Explain, using sentences, how you calculate the change she gets back. (4 marks)

5. Max wants to buy three bananas. Each banana is 30p. How much will three bananas cost altogether? (2 marks)

6. Zara the zebra has £2.00. She buys a sketchbook for £1.20 and a pencil for 30p. How much money does she have left over? Show your steps. (4 marks)

7. Extended Writing: Max is planning a picnic for his friends Pip, Nova, and Ellie. He has £5.00 to spend. Create a shopping list of at least three items from the market, calculate the total cost, and explain how much change he would have from his £5.00 note. (9 marks)

Draw: Draw a purse containing one £1 coin, two 20p coins, and one 5p coin. Label the total amount of money inside the purse.



Extension challenge: Total: /25