

## Grade 3 Mathematics Assessment: Mastering Money

*Learning objective: To demonstrate proficiency in estimating, calculating, and solving multi-step problems involving pounds (£) and pence (p), including converting between units and calculating change.*

Read each question carefully. Show your working out in the space provided to ensure you gain method marks. You have 45 minutes to complete this assessment.

Max the monkey is helping his friends prepare for the annual BookFlik Forest Picnic. He has a budget of £20.00 to spend at the local market. The prices are as follows: A punnet of berries costs £2.45, a loaf of crusty bread costs £1.80, a jar of wildflower honey costs £3.15, and a large bottle of apple juice costs £2.60.

*Word bank: decimal point · equivalent · convert · estimate · calculate · budget · total · change*

**1. Max decides to buy two punnets of berries and one loaf of bread. Calculate the total cost of these items. Show your working. (2 marks)**

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**2. Using your answer from Question 1, how much change would Max receive from a £10.00 note? (2 marks)**

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**3. Convert £4.75 into pence. Then, explain why it is important to align the decimal point when adding different amounts of money. (3 marks)**

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**4. Zara the zebra wants to buy three jars of honey. She has £10.00. Does she have enough money? Justify your answer using a calculation. (3 marks)**

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**5. Compare and contrast the cost of buying four bottles of apple juice versus buying two jars of honey and two punnets of berries. Which combination is more expensive and by how much? (4 marks)**

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6. Max wants to buy one of everything on the list (berries, bread, honey, and juice). Estimate the total cost by rounding each item to the nearest pound, then calculate the exact total. Explain why your estimate is different from the exact total. (4 marks)

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7. Max has a total budget of £20.00. Create a shopping list for the picnic that uses as much of the £20.00 as possible without going over. You must include at least four items. Explain your strategy for staying under budget while maximising your spending. (5 marks)

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**Draw:** Draw a visual representation of the coins and notes Max might receive as change if he pays for his items with a £20 note. Use a variety of coin denominations to show the most efficient way to give change.



*Extension challenge: Total: /25. Consider this: What might happen to the affordability of the picnic if the price of honey increased by 50p? How would this change your shopping list strategy?*