

Max's Busy Market Morning

Learning objective: To improve mental math skills by adding, subtracting, and multiplying amounts of money and whole numbers.

Help Max the monkey calculate his market spending. Use your mental math strategies to solve these challenges without using a calculator. Show your working where necessary.

Max the monkey is visiting the village market to buy fruit for his friends. He starts with a £20 note in his pocket. He buys 4 bunches of bananas at £1.50 each. Next, he buys a large bag of apples for £3.75 and a basket of strawberries for £4.20. Finally, he decides to buy a gift for Leo the lion, which costs £6.50. Max needs to work out exactly how much he has spent and how much change he should receive from his £20 note.

Word bank: calculate · strategy · partitioning · difference · total · product · remainder

1. Calculate the total cost of the 4 bunches of bananas if each bunch costs £1.50. (2 marks)

2. What is the total cost of the bananas, the apples, and the strawberries combined? (2 marks)

3. If Max buys the gift for Leo as well, how much money has he spent in total at the market? (2 marks)

4. Starting with £20, how much change should Max receive after buying all his items? (2 marks)

5. Max sees a sign saying 'Buy 3 packs of nuts for £5.00'. How much would 6 packs of nuts cost? (2 marks)

Draw: Draw a picture of Max the monkey standing at a market stall holding his basket of fruit and his change.



Extension challenge: Max decides he wants to share his 12 apples equally among 4 friends. How many apples does each friend get? If he then finds an extra 5 apples, how many apples does he have in total now?