

Max's Market Stall Mental Math

Learning objective: To practice mental addition and subtraction skills using dollars and cents, and to use known number facts to solve problems mentally.

Max the monkey is running a fruit stall. He needs your help to work out the totals and the change for his customers. Use your mental math skills to solve these problems. You must show how you worked out the answer in your head (e.g., 'I partitioned the dollars and cents').

Word bank: partitioning · number bonds · decimal point · total · change · rounding

1. A punnet of strawberries costs £2.50 and a bunch of bananas costs £1.20. What is the total cost? (2 marks)

2. A customer hands Max a £5 note for a bag of apples that costs £3.40. How much change should Max give back? (2 marks)

3. Max has 3 packs of pears at £1.10 each. Use mental multiplication to find the total cost. (2 marks)

4. A melon costs £2.80. If the price drops by 50p, what is the new price? (2 marks)

5. Max wants to buy a crate of oranges for £4.50 and a bag of grapes for £2.60. He has a £10 note. Does he have enough money? Explain your answer. (2 marks)

Draw: Draw a picture of Max the monkey standing behind his fruit stall, with colorful signs showing the prices of different fruits in dollars and cents.



Extension challenge: Create your own 'Market Challenge' by choosing three items from your kitchen, estimating their price in dollars and cents, and writing a mental math word problem for a friend to solve.