

Max's Market Stall Challenge

Learning objective: To multiply and divide decimals by 10, 100, and 1000, and to solve problems involving decimal currency.

Max the monkey is helping at the local community market. He has listed the prices for fresh fruit and vegetables. Your task is to help Max calculate the 'Bulk Buy' prices and the 'Single Item' prices by moving the decimal point correctly. Fill in the blanks to complete his price list.

Word bank: multiply · divide · decimal point · place value · tenths · hundredths · thousandths

1. Max sells a single organic apple for £0.45. How much would a pack of 10 apples cost? Show your working. (2 marks)

2. A crate of 100 loose carrots costs £8.20. What is the price of one single carrot? Show your working. (2 marks)

3. Max has 1000 stickers to give away. If the total weight of the stickers is 4.5kg, what is the weight of one single sticker in kg? (2 marks)

4. A bag of 10 organic pears costs £3.70. If you have £1.00, can you afford a single pear? Explain your reasoning. (2 marks)

5. Complete the sequence: If 1 punnet of berries is £2.15, then 10 punnets are £21.50, and 100 punnets are £_____. (1 mark)

Draw: Draw a small market stall run by Max the monkey, featuring signs with prices like '£0.75 each' and '£7.50 for ten'.



Extension challenge: Max wants to create a 'Super Saver' deal for 1000 items. If one item costs £0.06, how much would 1000 items cost? If you were the shopkeeper, would you offer a discount for buying in such a large quantity? Explain why.