

Max's Market Math: Mastering Decimals

Learning objective: To read, write, order, and compare numbers with up to three decimal places and solve problems involving money.

Help Max the monkey calculate the prices at the local community market. Read the market stall list below and answer the questions carefully, showing your working out.

Max is visiting the community market to buy ingredients for a fruit salad. The stall prices are as follows: A punnet of strawberries costs £2.45. A bunch of bananas costs £1.89. A bag of blueberries costs £3.05. A tray of fresh nectarines costs £4.50. Max has a £10 note to spend. He wants to make sure he has enough money to buy one of each item.

Word bank: decimal point · place value · tenths · hundredths · thousandths · equivalent · total

1. What is the total cost of the strawberries and the bananas? Show your calculation. (2 marks)

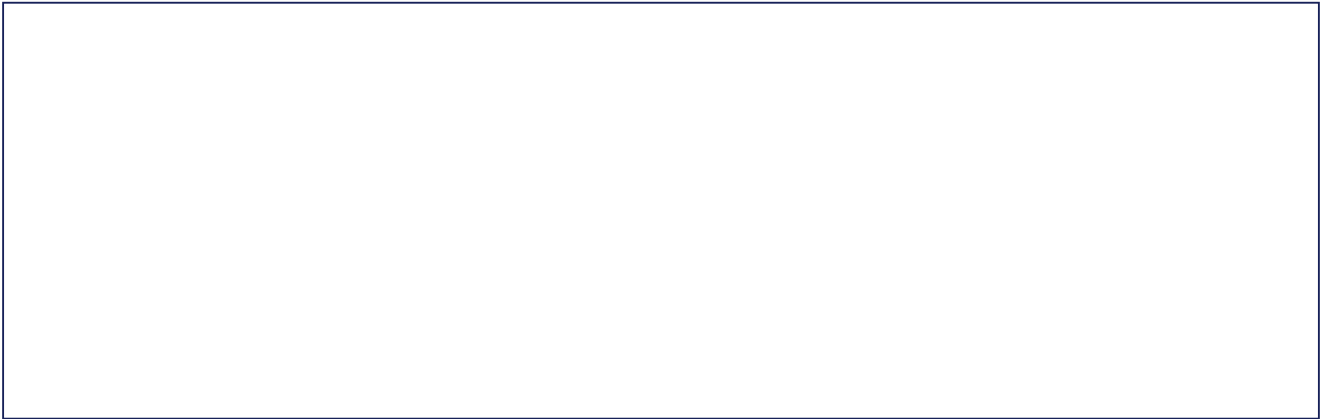
2. If Max buys the blueberries and the nectarines, how much change will he get from a £10 note? (2 marks)

3. Write the price of the blueberries (£3.05) in words. (1 mark)

4. Order the four fruit prices from most expensive to least expensive. (2 marks)

5. Max finds a special offer: 10 individual raspberries cost £0.75 in total. What is the value of the digit '7' in this price? (1 mark)

Draw: Draw a small market stall sign for Max that shows a new fruit item priced at exactly £3.62, using clear decimal notation.



Extension challenge: Max decides he wants to buy 3 bunches of bananas. How much will this cost in total? If he also buys the strawberries, does he have enough money left from his £10 note to buy the blueberries too?