

Max's Market Challenge: A Math Adventure

Learning objective: To solve multi-step word problems involving addition, subtraction, multiplication, and division using dollars and cents.

Max the monkey is helping at the local community market. Read each of his math puzzles below. Use your working-out space to solve the problems. Remember to include the £ sign and show your units clearly.

Word bank: total · difference · remainder · multiplication · division · calculation

1. Max is selling bags of apples for £1.25 each. If a customer buys 6 bags, how much change will they get from a £10 note? (2 marks)

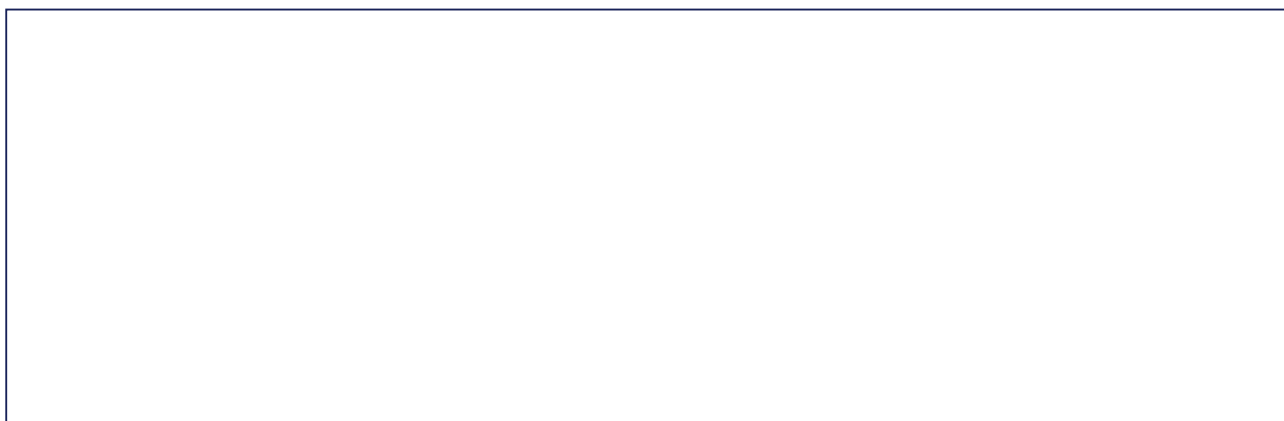
2. Ellie the elephant wants to buy 4 bunches of bananas at £2.10 each and a jar of honey for £3.45. What is the total cost of her shopping? (2 marks)

3. Leo the lion has £15.00. He wants to buy as many notebooks as he can for £1.80 each. How many notebooks can he buy, and how much money will he have left? (3 marks)

4. Kit the fox sees that a box of 8 pens costs £7.20. How much does one single pen cost? (2 marks)

5. Zara the zebra buys a sketchbook for £4.99 and a set of paints for £8.50. She pays with a £20 note. How much change should Zara receive? (2 marks)

Draw: Draw a small store stall run by Max the monkey. In your drawing, include three items with price tags on them so a friend could create their own math problem about your store.



Extension challenge: Create your own two-step word problem using the prices from your store drawing. Challenge a partner to solve it and check their calculation.