

Max's Market Stall Challenge

Learning objective: To solve division problems using mental and written methods, including remainders.

Read the story below and help Max the monkey solve his market stall maths puzzles. Show your working out for each question.

Max is running a fruit stall at the forest market. He has a large crate of fresh apples, bags of crunchy carrots, and boxes of shiny blackberries. Max needs to divide his stock into smaller bundles to sell to his friends. He wants to make sure every bundle has the same amount so that it is fair for everyone. Sometimes, Max has a few pieces of fruit left over, which he calls his 'remainder' snack to enjoy later!

Word bank: divide · remainder · share · total · quotient · grouping

1. Max has 48 apples. He puts them into 4 equal baskets. How many apples are in each basket? (2 marks)

2. Max has 37 crunchy carrots. He wants to put 5 carrots in each bag. How many full bags can he make, and how many carrots will be left over? (2 marks)

3. A box of blackberries costs £2. If Max makes £64 selling boxes of blackberries, how many boxes did he sell? (2 marks)

4. Pip the caterpillar buys 3 punnets of strawberries. The total cost is £9. If each punnet costs the same amount, how much does one punnet cost? (2 marks)

5. Max has 85 pennies. He wants to share them equally between 5 friends. How many pennies does each friend get? (2 marks)

Draw: Draw Max's fruit stall with his baskets of apples and bags of carrots neatly labelled with the number of items inside.



Extension challenge: Max has 94 blackberries. He wants to pack them into boxes that hold 6 blackberries each. How many boxes does he need to buy so that every blackberry is packed away? Explain your answer.