

Max's Market Stall Division Challenge

Learning objective: To solve division problems involving two-digit numbers by single-digit numbers, using remainders where necessary.

Help Max the monkey organise his market stall. Read the word problems below and show your working out. Once you have finished the maths, colour in the fruit and vegetable stall scene provided.

Max has been very busy at the local market today. He has crates full of fresh produce that need to be shared equally between his friends. Max loves a good maths puzzle and uses his knowledge of division to make sure everyone gets exactly the same amount of fruit. Sometimes, there are a few items left over, which Max calls his 'remainders'.

Word bank: divisor · quotient · remainder · share · grouping

1. Max has 48 apples to share equally between 4 baskets. How many apples will be in each basket? (2 marks)

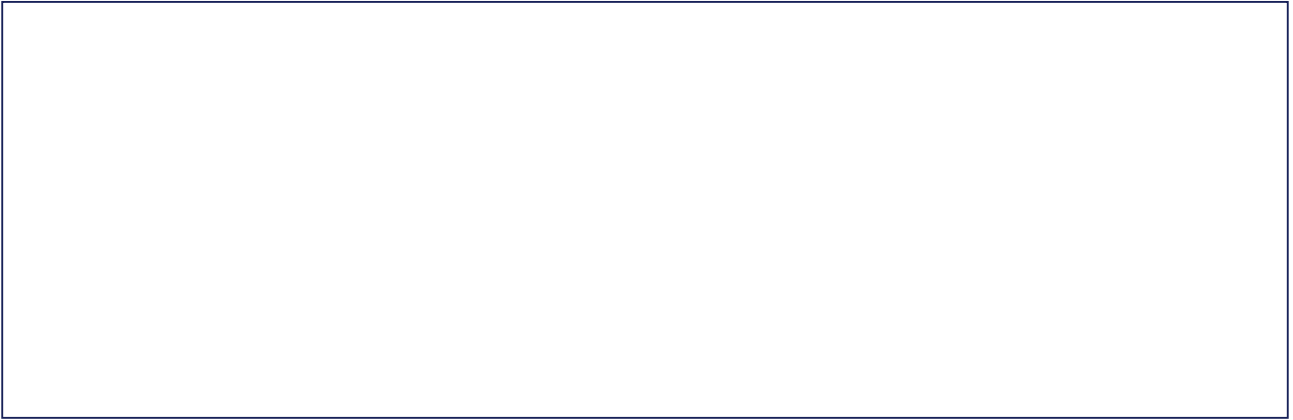
2. Max has 35 pears. He wants to pack them into boxes that hold 3 pears each. How many full boxes can he make, and how many pears are left as a remainder? (2 marks)

3. There are 72 carrots to be divided into 6 equal bundles for the rabbits. How many carrots will be in each bundle? (2 marks)

4. Max has 55 strawberries. He wants to share them between 5 of his friends. How many strawberries does each friend receive? (2 marks)

5. If Max has 89 pence and wants to buy items that cost 4 pence each, how many can he buy? How much money will he have left over? (2 marks)

Draw: Draw a busy market stall scene featuring Max the monkey holding a wooden crate. Include piles of apples, pears, and carrots. Add a sign that says 'Max's Market' and leave space around the produce for children to colour in the items as they solve the division problems.



Extension challenge: Max has 100 strawberries. If he shares them between 8 friends, how many will each friend get? How many are left over? Can you write a division number sentence to show your working?