

Max's Market Stall: Division Challenges

Learning objective: To recall and use division facts for the 3, 4 and 8 multiplication tables and solve problems involving grouping.

Max the monkey is helping at the local market. He needs to pack fruit into baskets to sell. Use your knowledge of division to help Max work out how many baskets he needs. For each question, show your working out by drawing groups or using a number sentence.

Word bank: divide · share · groups of · remainder · total · multiplication

1. Max has 24 apples. He puts them into baskets with 3 apples in each. How many baskets does he need? Show your working. (2 marks)

2. There are 32 bananas. Max packs them into 4 equal bunches. How many bananas are in each bunch? (2 marks)

3. Max has 40 plums. If he puts 8 plums in each bag, how many bags can he fill? (2 marks)

4. Max sells a bag of pears for £4. If he makes £36 in total from selling bags of pears, how many bags did he sell? (2 marks)

5. True or False: If you divide 24 by 8, the answer is 4. Explain your reasoning. (2 marks)

Draw: Draw 12 oranges in the middle of your page. Then, draw circles around them to show how you would share them equally into 3 bags.



Extension challenge: Max has 27 strawberries. He wants to share them between 3 baskets, but he finds one extra strawberry left over. How many strawberries go in each basket, and what is the remainder?