

Max's Market Division Challenge

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

Read the story about Max the monkey and help him solve his shopping problems using your knowledge of division. Show your working out clearly.

Max the monkey is visiting the local market to buy snacks for his friends. He has a bag of 24 shiny red apples. He wants to share them equally between 3 of his friends: Pip, Nova, and Ellie. Max also buys 32 delicious strawberries. He wants to put these into little punnets, with 4 strawberries in each punnet. Finally, Max finds 40 bunches of grapes. He needs to share these into 8 large baskets so that every basket has the same amount.

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

1. If Max shares 24 apples equally between 3 friends, how many apples does each friend receive? (2 marks)

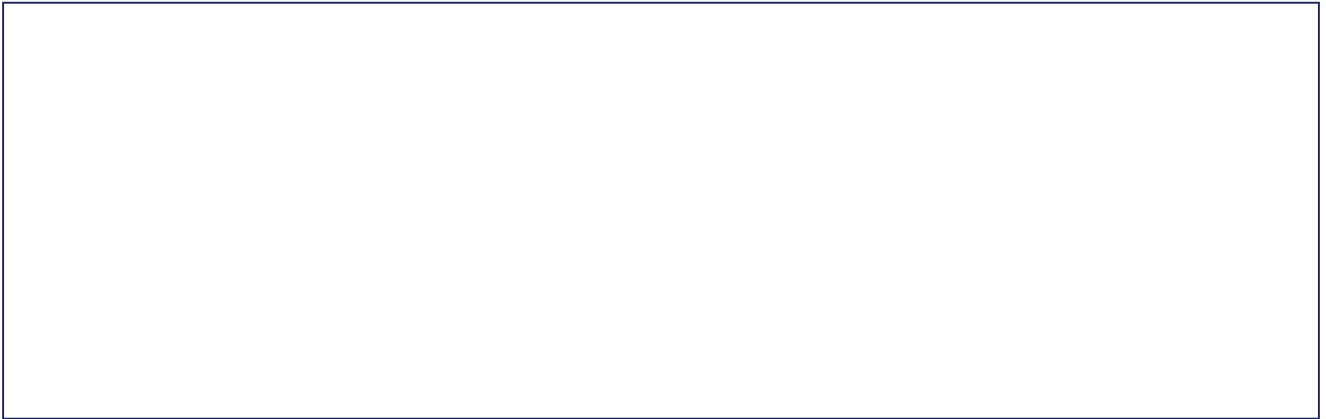
2. Max has 32 strawberries and puts 4 in each punnet. How many punnets does Max fill? (2 marks)

3. Max divides 40 bunches of grapes into 8 baskets. How many bunches are in each basket? (2 marks)

4. Max finds 15 gold coins. If he divides them equally among himself and 2 friends, how many coins does each monkey get? (2 marks)

5. Explain how you can use multiplication facts to help you solve a division problem. (2 marks)

Draw: Draw Max the monkey sharing his 24 apples between Pip, Nova, and Ellie. Make sure each friend has the same number of apples!



Extension challenge: Max finds 26 blueberries. He wants to share them between 4 friends. Will there be any blueberries left over? Explain your answer using a calculation.