

Max the Monkey's Jungle Division Party

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

Help Max the Monkey organise his jungle party! Use your knowledge of division to share the snacks fairly. Remember to show your working out clearly on the page.

Max the Monkey is hosting a party for his forest friends. He has gathered 36 juicy bananas, 24 crunchy mangoes, and 48 sweet coconuts. He wants to make sure every friend gets an equal amount so that nobody feels left out. Max loves maths and knows that if he can divide these treats into equal groups, the party will be a great success!

Word bank: divide · share · group · remainder · fairly · equal · multiplication

1. Max has 36 bananas to share equally between 3 of his friends. How many bananas does each friend receive? (2 marks)

2. There are 24 mangoes to be shared into 4 baskets. How many mangoes go into each basket? (2 marks)

3. Max has 48 coconuts. If he puts them into groups of 8, how many groups will he have? (2 marks)

4. If Max has 22 peanuts and wants to share them equally between 3 friends, how many peanuts will each friend get? How many peanuts will be left over? (3 marks)

5. Explain why Max cannot share 25 bananas equally between 4 friends without cutting them up. (2 marks)

Draw: Draw a picture of Max's party table. Show the 24 mangoes divided into 4 equal baskets and label your baskets with the number of mangoes inside each one.



Extension challenge: Max finds 72 extra grapes! If he shares them equally between 8 friends, how many does each friend get? Can you write the division calculation and the inverse multiplication calculation to prove your answer?