

Max's Magnificent Math Division Challenge

Learning objective: To recall and use division facts for the 3, 4, 6, 7, 8, 9, 11 and 12 multiplication tables and solve division problems with remainders.

Max the monkey is organising a feast for his friends! Help him divide his snacks fairly by filling in the boxes below. Show your workings clearly so Max can check your math. Remember to include the remainder if there is one left over!

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

1. The Fruit Share: Max has 48 bananas to share equally between 4 baskets. How many bananas go in each basket? Write your calculation here. (2 marks)

2. The Nut Problem: Max has 35 walnuts. He wants to put 8 walnuts in each small bag. How many full bags can he make, and how many are the remainder? (3 marks)

3. The Berry Count: Max collected 72 strawberries. If he divides them into 9 equal groups for his friends, how many strawberries are in each group? (2 marks)

4. The Picnic Cost: Max spent £84 on supplies. If the cost was shared equally over 7 days of preparation, how much did he spend per day? (2 marks)

5. Check Your Work: Choose one of your answers above and explain how you used multiplication to check that your division was correct. (3 marks)

Extension challenge: Max has 100 blackberries! If he shares them equally between 8 friends, how many will each friend get, and how many will be left over for Max to snack on? Write your division sentence and explain your answer.