

Max's Market Multiplication

Learning objective: To recall and use multiplication tables for the 6, 7, and 9 multiplication tables and solve problems involving multiplication.

Max the monkey is helping at the local community market. Use your knowledge of times tables to help him calculate the total costs for his friends. Show your working out clearly.

Max is running a fruit stall today. He has organised his produce into neat rows to help him count them quickly. Pip the caterpillar wants to buy 6 apples, which cost 7p each. Nova the owl needs 9 bunches of grapes, and each bunch costs 8p. Zara the zebra is buying 7 punnets of strawberries, priced at 9p each. Finally, Ellie the elephant wants to buy 6 bags of peanuts, which cost 6p per bag.

Word bank: product · multiple · total · calculate · operation · array

1. How much will Pip pay for 6 apples at 7p each? Write the multiplication number sentence. (2 marks)

2. Calculate the total cost for Nova's 9 bunches of grapes at 8p each. (2 marks)

3. Zara buys 7 punnets of strawberries for 9p each. How much change would she get from £1.00? (3 marks)

4. Ellie buys 6 bags of peanuts at 6p each. If she pays with a 50p coin, how much money does she have left? (3 marks)

5. Max says, '7 multiplied by 6 is the same as 6 multiplied by 7.' Is he correct? Explain your answer. (2 marks)

Draw: Draw an array to represent 6×7 , showing how the fruit is arranged in rows and columns on Max's stall.



Extension challenge: Max has 54p to spend on oranges. If each orange costs 6p, how many oranges can he buy? Now, imagine each orange price increases by 2p. How many could he buy then?