

Max's Multiplication Mission: Times Tables Mastery

Learning objective: To recall and use multiplication and division facts for multiplication tables up to 12×12 , and to apply these to solve real-world problems.

Help Max the monkey organize his jungle store! Use your knowledge of times tables to complete the store inventory, calculate the cost of items, and solve the tricky puzzles he has encountered today. Make sure to double-check your calculations.

Word bank: multiplication · product · factor · multiple · calculate · operation · total · equation

1. Max has 8 shelves, and each shelf holds 12 jars of honey. Write the multiplication equation to find the total number of jars, then show your working out. (2 marks)

2. If one jar of honey costs £4, how much would Max earn if he sold 7 jars? Show your calculation. (2 marks)

3. Max has 108 bananas to share equally into 9 fruit baskets. Write the division equation to show how many bananas go into each basket. (2 marks)

4. Identify all the factors of 24. How many pairs of factors can you find that multiply together to make 24? (3 marks)

5. Max wants to buy a new climbing rope that costs £56. If he saves £8 every week from his store profits, how many weeks will it take him to afford the rope? (2 marks)

Extension challenge: Choose your most difficult times table. Write a short rhyme or a mnemonic device to help you remember the trickiest fact in that sequence, just like Leo the lion would write for his poetry.