

Max the Monkey's Maths Adventure: Factors and Multiples

Learning objective: To identify factors and multiples of numbers up to 100.

Help Max the Monkey solve his maths puzzles! Read each question carefully. Use the word bank if you need help with the meanings of the words. Write your answers clearly in the boxes provided.

Word bank: Factor · Multiple · Divide · Multiply · Table

1. Max has 12 bananas. List all the factor pairs that multiply to make 12. (Hint: 1 and 12 is one pair). (2 marks)

2. Max wants to find the first five multiples of 4. Write them here: (2 marks)

3. Is 15 a multiple of 3? Explain how you know using the word 'divide'. (2 marks)

4. Find a number that is a factor of 10 and also a factor of 20. (1 mark)

Extension challenge: Can you choose a number between 1 and 20 and find all of its factors? Draw a tree diagram to show your work.