

Max's Multiplication Meadow

Learning objective: To recall and use multiplication and division facts for the 3, 6, 9, 11 and 12 times tables.

Max the monkey is organising his fruit collection. Use your knowledge of times tables to solve the problems below. For the drawing section, show your working out visually in the meadow.

Max the monkey has been busy in the orchard! He has picked 8 baskets of apples, with 12 apples in each basket. He also found 6 bunches of bananas, each containing 9 bananas. Max loves to arrange his fruit into neat rows and columns to help him count his total harvest quickly.

Word bank: product · multiple · array · factor · equation · total

1. Using the information in the passage, how many apples does Max have in total? Write the multiplication equation. (2 marks)

2. How many bananas does Max have? Use your 9 times table to help you. (2 marks)

3. Max decides to share his 36 bananas equally between 4 of his friends. How many bananas does each friend receive? (2 marks)

4. If Max finds 11 more baskets, and each basket holds 3 pears, how many pears does he have in total? (2 marks)

5. Max has 72 plums. He wants to put them into rows of 6. How many rows will he have? (2 marks)

Draw: In the space below, draw an array to represent Max's 8 baskets of 12 apples. Use dots to show the rows and columns, then label your array with the correct multiplication calculation.



Extension challenge: Max has 100 plums. Is this a multiple of 12? Explain your reasoning using what you know about times tables.