

# Max's Multiplication Market

*Learning objective: To recall and use multiplication and division facts for the 6, 7, 9, 11 and 12 multiplication tables.*

Max the monkey is helping at the local community market today. Use your knowledge of times tables to help him solve these pricing puzzles. Show your working out clearly.

Max is organising the fruit stall. He has 6 crates of apples, and each crate holds 9 apples. He also has 7 baskets of pears, with 12 pears in each basket. Finally, he has 11 bunches of bananas, each containing 8 bananas. Max needs to make sure he has counted them all correctly so he can help the market shoppers find the best deals.

*Word bank: product · multiplication · factor · equation · total · calculate*

**1. Using the passage, calculate the total number of apples Max has. Show your calculation. (2 marks)**

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**2. If each basket of pears costs £7, what is the total cost of all 7 baskets? (2 marks)**

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**3. Max sold 4 bunches of bananas. How many bananas does he have left in his total stock? (2 marks)**

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**4. A customer wants to buy 12 oranges. If each orange costs 9p, how much will the customer pay in total? Give your answer in pounds (£). (2 marks)**

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**5. Max finds a box of 84 plums. He wants to share them equally into 7 smaller bags. How many plums will be in each bag? (2 marks)**

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**Draw:** Draw a display of 6 rows of 7 oranges to represent the equation  $6 \times 7 = 42$ .



*Extension challenge: Max finds a crate containing 132 limes. If he packs them into boxes of 12, how many boxes will he fill? Can you write a division sentence to match this problem?*