

Max's Multiplication Market

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

Max the monkey is helping at the local market. Solve the maths puzzles to find out how much the fruit costs. Colour the fruit baskets according to the answer key provided in the drawing prompt.

Max is organising the fruit stall. He has 6 crates of apples, with 8 apples in each crate. He also has 7 baskets of pears, with 9 pears in each basket. Finally, he has 12 punnets of strawberries, and each punnet costs £3. Max needs to work out the totals to help his customers.

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

1. How many apples does Max have in total? Show your multiplication equation. (2 marks)

2. If Max has 7 baskets of pears with 9 pears in each, how many pears are there altogether? (2 marks)

3. What is the total cost of all 12 punnets of strawberries if each one costs £3? (2 marks)

4. Max sells a bag of oranges for £4. If he sells 11 bags, how much money has he made? (2 marks)

5. Explain how you worked out the answer for the strawberry punnets using your knowledge of the 12 times table. (2 marks)

Draw: Draw a large market stall with baskets of fruit. Label the apple crate '6 x 8' and colour it red. Label the pear basket '7 x 9' and colour it green. Label the strawberry punnets '12 x 3' and colour them pink. Label the orange bags '11 x 4' and colour them orange.



Extension challenge: Max has 144 plums. If he puts them into boxes of 12, how many boxes will he need? Can you think of another way to group the 144 plums into equal rows?