

# Max's Market Multiplication

*Learning objective: To recall and use multiplication facts for the 6, 7, 9, 11 and 12 multiplication tables and solve problems involving multiplying two-digit numbers by one-digit numbers.*

Max the monkey is helping at the local village market. Read the price list carefully and use your multiplication skills to work out the costs for the customers. Show your working out clearly.

At the market, fresh apples are 6p each. Crunchy carrots are 7p each. Large sunflowers are 9p each. Shiny blue marbles are 12p each. Max loves to bundle these items together to make shopping easier for his friends.

*Word bank: product · multiply · multiple · total · array · calculation*

**1. Pip the caterpillar wants to buy 8 apples. How much will 8 apples cost in total? (2 marks)**

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**2. Nova the owl buys 6 sunflowers. Calculate the total cost for Nova. (2 marks)**

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**3. Ellie the elephant needs 12 carrots to feed her family. How much will these cost? (2 marks)**

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**4. Zara the zebra decides to buy 11 blue marbles. What is the product of 11 and 12? (2 marks)**

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**5. Max sells a 'Gift Bundle' that contains 7 apples and 7 sunflowers. What is the total cost of the bundle? (2 marks)**

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**Draw:** Draw an array to represent the calculation  $6 \times 4$ . Use small circles to show the rows and columns, and draw a border around your array to show the total.



*Extension challenge: Max has £1.00. He wants to buy as many marbles (12p each) as he can. How many can he buy, and how much change will he have left?*