

# Max's Market Maths Challenge

*Learning objective: To add numbers with up to four digits using formal written methods (column addition).*

Help Max the monkey organise his market stall! Read the scenario below and use column addition to solve the problems. Remember to line up your thousands, hundreds, tens, and ones columns carefully. Don't forget to show your carrying!

Max is busy setting up his fruit stall for the village fayre. He has 1,245 red apples and 2,368 green apples to sell. Later, his friend Zara the zebra brings him 1,572 juicy pears and 1,099 sweet plums to add to his collection. Max loves to keep his accounts perfectly balanced, so he needs your help to find the totals for his stock.

*Word bank: column addition · total · sum · carrying · place value · altogether · exchange*

**1. What is the total number of apples Max has altogether? Show your working using column addition. (2 marks)**

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**2. Max sold a crate of pears for £2,450 and a crate of plums for £1,385. What is the total value of these two items in pounds? (2 marks)**

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**3. If Max adds 1,456 more oranges to his stock of 2,347 apples, how many pieces of fruit does he have in total? (2 marks)**

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**4. Explain why it is important to line up the digits in their correct place value columns when adding 1,245 and 2,368. (2 marks)**

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**5. Max finds an old bag containing 4,567 tokens. He adds another 3,678 tokens to the bag. Calculate the final sum. (2 marks)**

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**Draw:** Draw Max the monkey standing proudly next to his fruit stall, showing the piles of fruit he has carefully counted.



*Extension challenge: Max has a secret stash of 9,999 gold coins. If he finds 1 more coin, what happens to the place value columns? Write down the final number and explain your reasoning.*