

# Max's Market Maths Challenge

*Learning objective: To add numbers with up to four digits using formal written methods of columnar addition.*

Help Max the monkey calculate the total cost of his market shopping. Use column addition to show your working out for each problem.

Max is visiting the local farmers' market to buy snacks for his friends. He keeps a careful list of his spending. He buys a basket of crunchy carrots for £2,450, a crate of sweet apples for £1,325, and a large jar of golden honey for £1,248. Max needs to find the total of his shopping to see if he has enough money left in his purse.

*Word bank: column · total · sum · exchange · digit · addition*

**1. What is the total cost of the carrots and the apples? (2 marks)**

---

---

**2. Calculate the sum of all three items: carrots, apples, and honey. (2 marks)**

---

---

**3. If Pip the caterpillar buys a leaf collection for £3,562 and a storybook for £2,149, what is the total cost? (2 marks)**

---

---

**4. Zara the zebra buys paintbrushes for £1,845 and a canvas for £2,678. Show your column addition to find the total. (2 marks)**

---

---

**5. Explain why it is important to line up your columns correctly when adding four-digit numbers. (2 marks)**

---

---

---

**Draw:** Draw a basket filled with the items Max bought at the market and write the total cost on a tag attached to the handle.



*Extension challenge: Max has a budget of £8,000. Can you create your own shopping list of four items that cost less than £8,000 in total, and calculate the final sum?*