

Max's Market Rounding Challenge

Learning objective: To round decimals with two decimal places to the nearest whole number and to the nearest tenth.

Max the monkey is helping his friends at the local village market. Use your rounding skills to help Max record the prices correctly. Remember the rule: if the digit is 5 or more, round up; if it is 4 or less, round down.

Word bank: decimal point · tenth · whole number · round up · round down · digit · place value

1. Max bought a bunch of bananas for £2.68. Round this price to the nearest whole pound. Show your working out. (2 marks)

2. A bag of apples costs £1.42. Round this price to the nearest tenth (one decimal place). Explain why you chose that number. (2 marks)

3. A punnet of strawberries costs £3.75. If you round this to the nearest whole pound, what is the new price? Does the 5 tell you to go up or down? (2 marks)

4. Kit the fox bought a notebook for £4.19. Round the price to the nearest tenth. Why does the '9' in the hundredths column affect your answer? (3 marks)

5. Create your own rounding puzzle! Write a price with two decimal places and ask a partner to round it to the nearest whole pound. (2 marks)

Extension challenge: Imagine the market prices change! If you had three items costing £1.29, £2.55, and £0.82, what would the total be if you rounded each item to the nearest pound before adding them together?