

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 at the local community market. He needs to round the prices of his fruit and vegetables to make them easier to calculate. Use the rounding rules to help Max. If the digit in the tenths place is 5 or more, round up. If it is less than 5, round down. For rounding to the nearest tenth, look at the hundredths digit.

Word bank: Rounding · Tenths · Hundredths · Decimal point · Whole number · Estimate

1. Max has a bag of apples costing £2.43. Round this price to the nearest whole pound. (2 marks)

2. A punnet of strawberries costs £4.78. Round this price to the nearest whole pound. (2 marks)

3. Max sells a bunch of carrots for £1.26. Round this price to the nearest tenth of a pound (£1.30 or £1.20). Explain your reasoning. (2 marks)

4. A melon costs £3.55. Round this to the nearest whole pound. (2 marks)

5. If Max rounds £5.82 to the nearest tenth, he gets £5.80. Is he correct? Explain why or why not. (2 marks)

Draw: Draw a small market stall run by Max the monkey. Above the fruit, draw price tags showing numbers with two decimal places (e.g., £3.42) and next to them, draw a 'rounded' sign showing the price rounded to the nearest pound.



Extension challenge: Imagine Max wants to buy three items that cost £1.12, £2.89, and £0.95. Round each price to the nearest pound first, then add them together to find the estimated total cost.