

Max's Market Rounding Adventure

Learning objective: To round any number to the nearest 10, 100, or 1000, and to round decimals with one decimal place to the nearest whole number.

Max the monkey is helping his friends at the local market. He needs to round prices and quantities to make counting easier. For each item below, round the number to the specified place value. If the digit is 5 or more, round up; if it is 4 or less, round down.

Word bank: round up · round down · nearest ten · nearest hundred · nearest thousand · whole number

1. The price of a basket of apples is £4.70. Max needs to round this to the nearest whole pound (£). What is the price? (2 marks)

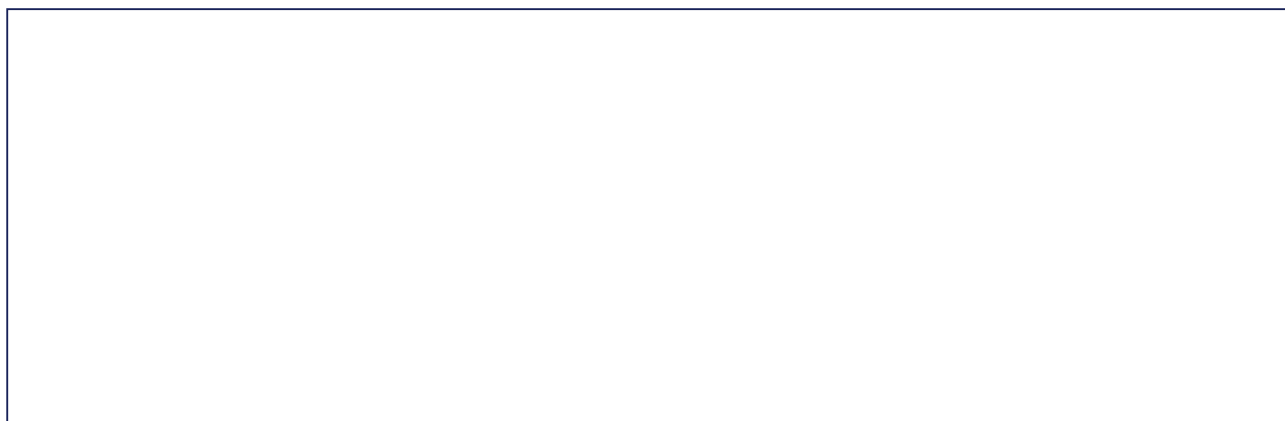
2. A farmer brings 342 carrots to the market. Round this number to the nearest hundred. (2 marks)

3. There are 1,289 bees visiting the flowers in the field. Round this number to the nearest thousand. (2 marks)

4. Max sells 76 jars of honey. Round this number to the nearest ten. (2 marks)

5. A bag of sunflower seeds costs £8.20. Round this to the nearest whole pound (£). Explain your reasoning. (3 marks)

Draw: Draw a number line from 0 to 10. Mark the number 7 on the line and use an arrow to show which number it is closer to when rounding to the nearest ten.



Extension challenge: Imagine you have £50.00. Write down three items you could buy at the market if each item costs between £12.00 and £18.00. Round the price of each item to the nearest ten before adding them together to see if you have enough money.