

Max's Market Rounding Challenge

Learning objective: To round any number to the nearest 10, 100, or 1000.

Help Max the monkey organise his market stall prices. Read the rules below and show your working out for each problem. Remember: if the digit is 5 or more, round up; if it is 4 or less, round down!

Max is busy getting his fruit market ready for the day. He loves using maths to keep his prices tidy. He likes to round his prices to make them easier for customers to count. For example, if a bag of apples costs £43, he rounds it to £40. If a crate of bananas costs £127, he rounds it to £130. Today, Max has some larger stock items to price for his animal friends, and he needs your help to round them correctly.

Word bank: round up · round down · nearest ten · nearest hundred · nearest thousand · digit · place value · estimate

1. Max has a basket of mangoes priced at £74. Round this price to the nearest £10. (2 marks)

2. A large box of exotic nuts costs £382. Round this price to the nearest £100. (2 marks)

3. The market stall earned £1,456 in total sales. Round this total to the nearest £1,000. (2 marks)

4. A rare book costs £295. If you round it to the nearest £10, what is the new price? (2 marks)

5. Explain why Max rounds the number 55 up to 60 instead of down to 50. (2 marks)

Draw: Draw a number line from 0 to 100 and mark where the number 47 sits. Use an arrow to show which 'ten' it is closest to.



Extension challenge: Max has a special item that costs £4,499. If you round this to the nearest £10, £100, and £1,000, do you get the same answer for all three? Write down your findings.