

Max's Market Rounding Challenge

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

Read the story below and help Max the monkey solve his market math puzzles by rounding the numbers to the nearest given value.

Max the monkey is helping his friends at the woodland market. He loves to use math to keep track of all the items for sale. Today, Max is organising the stock. He has 47 apples, which he rounds to the nearest 10 to make them easier to count. He also has 342 jars of golden honey. He needs to round this number to the nearest 100 for his inventory list. Finally, the market has sold 1,289 tickets for the grand opening. Max rounds this to the nearest 1000 to tell the forest committee how many visitors to expect.

Word bank: round · nearest · estimate · digit · value · increase · decrease

1. Max has 47 apples. Round this number to the nearest 10. (1 mark)

2. There are 342 jars of honey. Round this number to the nearest 100. (1 mark)

3. The market sold 1,289 tickets. Round this number to the nearest 1,000. (1 mark)

4. If a punnet of berries costs £4.60, round the price to the nearest pound (£). Explain your reasoning. (2 marks)

5. Max finds 85 acorns. He wants to round this to the nearest 10. Does he round up or down? Explain why. (2 marks)

Draw: Draw a number line from 0 to 100 and mark where the number 47 sits. Show with an arrow whether it is closer to 40 or 50.



Extension challenge: Max has 2,450 acorns. Challenge yourself: Can you round this number to the nearest 10, the nearest 100, and the nearest 1,000?