

Max's Market Rounding Challenge

Learning objective: To round any number to the nearest 10, 100 or 1,000.

Max the monkey is helping at the local fruit market. He loves maths puzzles and needs your help to round the prices and quantities of his stock to make counting easier. Read each question carefully and show your working out.

Max has been very busy at the market today. He has 432 apples, 78 oranges, and 1,245 bananas. He wants to round these numbers so he can tell his friends roughly how much fruit he has. He also has some price tags to round to the nearest pound. A punnet of strawberries costs £4.20, a bunch of grapes costs £2.80, and a bag of cherries costs £5.50.

Word bank: round · nearest · estimate · digit · place value · multiple

1. Max has 78 oranges. Round this number to the nearest 10. Explain how you know. (2 marks)

2. There are 432 apples. Round this number to the nearest 100. (1 mark)

3. Max has 1,245 bananas. Round this number to the nearest 1,000. (1 mark)

4. The strawberries cost £4.20. Round this price to the nearest pound (£). (1 mark)

5. The cherries cost £5.50. Max says that when a number ends in 5, he should round down. Is Max correct? Explain your answer. (2 marks)

Draw: Draw a number line from 40 to 50 and place a star where the number 43 would sit. Then, draw a circle around the multiple of 10 that 43 is closest to.



Extension challenge: Max finds a crate containing 2,567 pears. Round this number to the nearest 10, the nearest 100, and the nearest 1,000. Which rounding gives you the furthest answer from the original number?