

Max's Rounding Adventure

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

Max the monkey is helping the local market stall holders count their stock. Help him round the numbers correctly to solve these maths puzzles.

Max is organizing items at the market. He needs to use his rounding skills to help the stall holders keep track of their inventory quickly.

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

1. The apple stall has 4,328 apples. Round this number to the nearest 10, the nearest 100, and the nearest 1,000. (3 marks)

2. A toy maker has made 56,742 wooden cars. Round this number to the nearest 10,000. (1 mark)

3. The local library has 124,890 books. Round this number to the nearest 100,000. (1 mark)

4. Max finds a bag of 8,500 marbles. If he rounds this to the nearest 1,000, what does he get? Explain why he has to round up in this case. (2 marks)

5. A shopkeeper has £74,499 in the till. Round this amount to the nearest £1,000. (1 mark)

Draw: Draw a number line from 4,300 to 4,400 and mark where 4,328 would sit. Use an arrow to show which 'hundred' it is closest to.



Extension challenge: Max has a collection of 345,678 items. Write down the number that is 10,000 more than his collection, then round your new number to the nearest 10,000.