

Rounding Numbers with Max the Monkey

Learning objective: To round numbers to the nearest 10, 100, and 1000.

Max the Monkey loves to solve math puzzles. Read each question carefully. Use the number line to help you. Write your answer clearly on the lines provided.

Max is counting his collection of shiny pebbles. He likes to round them to the nearest ten or hundred to make them easier to count. Remember: If the last digit is 5 or more, round up. If the digit is 4 or less, round down.

Word bank: round · nearest · ten · hundred · thousand · digit · estimate

1. Max has 23 pebbles. Round 23 to the nearest 10. (2 marks)

2. Max finds a box with 147 stickers. Round 147 to the nearest 100. (2 marks)

3. Max counts 862 shells on the beach. Round 862 to the nearest 10. (2 marks)

4. Max has 4,300 coins in his jar. Round 4,300 to the nearest 1,000. (2 marks)

5. Max buys a toy for £48. He wants to round the price to the nearest £10 to estimate how much money he needs. What is £48 rounded to the nearest £10? (2 marks)

6. Explain how you know whether to round 55 up or down. Use these sentence starters: 'I look at the digit... because it is 5, I must...' (4 marks)

7. Max is sorting 784 marbles. He wants to round this number to the nearest 10 and the nearest 100. Show your working out and write both answers. (5 marks)

8. Max found a bag of 1,500 acorns. He says, 'If I round this to the nearest 1,000, the answer is 2,000.' Is Max correct? Explain why. (6 marks)

Draw: Draw a number line from 20 to 30. Mark the number 23 and draw an arrow to show which ten it is closest to.

Extension challenge: Total: /25