

Max's Magnificent Rounding Challenge

Learning objective: To practise rounding decimals and whole numbers to the nearest 10, 100, 1000, and nearest whole number or tenth.

Max the monkey is organising his fruit shop! Help him sort his inventory by rounding the numbers correctly. Read each question carefully and circle the correct answer or write your response in the space provided.

Answer Key: 1) B, 2) True, 3) 4000, 4) C, 5) False, 6) 7.0, 7) A, 8) 1500, 9) 3.5, 10) True.

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

1. Max has 47 apples. To the nearest 10, how many apples does he have? A) 40 B) 50* C) 45 D) 60 (1 mark)

2. True or False: When rounding 342 to the nearest 100, the answer is 300. (1 mark)

3. Max counts 3,892 bananas. Round this number to the nearest 1,000. (1 mark)

4. What is £12.75 rounded to the nearest pound? A) £12.00 B) £12.70 C) £13.00* D) £14.00 (1 mark)

5. True or False: If the digit after the rounding column is 4 or less, we round down. (1 mark)

6. Max weighs a bunch of grapes at 6.8 grams. Round this to the nearest whole number. (1 mark)

7. Round 0.64 to the nearest tenth. A) 0.6* B) 0.7 C) 0.65 D) 1.0 (1 mark)

8. Max has £1,462 in his fruit shop till. Round this to the nearest 100. (1 mark)

9. Round 3.48 to the nearest tenth. (1 mark)

10. True or False: 5,500 rounded to the nearest 1,000 is 6,000. (1 mark)

Draw: Draw Max the monkey standing next to a pile of fruit crates, with a speech bubble showing him rounding the number of apples inside a crate.



Extension challenge: Max wants to buy a new scale that costs £24.85. If he rounds the price to the nearest pound, how much money does he need? Write a short explanation of how you decided whether to round up or down.