

Max's Multiplication Marathon

Learning objective: To multiply numbers up to 4 digits by a 2-digit number using the formal written method of long multiplication.

Help Max the monkey solve these multiplication puzzles. Use your working-out space carefully! For multiple-choice questions, select the correct letter. For True/False, write your answer clearly.

Answer Key: 1. B (1,482), 2. False, 3. 2,016, 4. C (3,434), 5. True, 6. 10,764, 7. A (2,208), 8. 4,800, 9. False, 10. 5,040. Note: Ensure students use a placeholder zero in the tens column when multiplying by the second digit.

Word bank: product · multiplier · multiplicand · place value · column · carry · total

1. 1. What is 38×39 ? A) 1,382 B) 1,482* C) 1,582 D) 1,282 (1 mark)

2. 2. True or False: When multiplying by the tens digit in long multiplication, you do not need to put a zero in the ones column. (1 mark)

3. 3. Max has 42 boxes of bananas, and each box contains 48 bananas. How many bananas does he have in total? (1 mark)

4. 4. Calculate 74×46 . A) 3,304 B) 3,504 C) 3,404* D) 3,434 (1 mark)

5. 5. True or False: 25×12 is the same as 300. (1 mark)

6. 6. What is the product of 189 and 57? (1 mark)

7. 7. Which is the correct calculation for 96×23 ? A) 2,208* B) 2,108 C) 2,308 D) 2,218 (1 mark)

8. 8. If one ticket to the jungle show costs £16, how much would 300 tickets cost? (1 mark)

9. 9. True or False: Long multiplication is only used for multiplying by 1-digit numbers. (1 mark)

10. 10. Calculate 126×40 . (1 mark)

Draw: Draw Max the monkey sitting on a tree branch, surrounded by piles of bananas, with a chalkboard showing the calculation 24×15 .



Extension challenge: Max wants to buy 15 bags of mangoes. Each bag costs £14. If he has a £200 budget, does he have enough money? Show your calculation.