WONDERLEARNERZ PRIMARY ACADEMY â€" OFFICIAL ANSWER KEY & MARKING SCHEME

Maths Word Problems - Worksheet 10 [ANSWER KEY]

Grade 2 | Mathematics | Ch 19: Maths Word Problems | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Maths Word Problems', calculate: 37 + 12 = ? [1 Mark]

Correct Answer: 49

Explanation: 37 + 12 = 49.

Q2. Calculate: 49 - 12 = ? [1 Mark]

Correct Answer: 37

Explanation: 49 - 12 = 37.

Q3. Which comparison is correct: 49 [?] 44? [1 Mark]

Correct Answer: >

Explanation: 49 is greater than 44.

Q4. What number is 10 more than 37? [1 Mark]

Correct Answer: 47

Explanation: 37 + 10 = 47.

Q5. A baker packed 37 apple pies in the morning and 12 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 49 pies

Explanation: 37 + 12 = 49 pies in total.

Q6. A school library received 49 new graphic novels. Students checked out 12 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 37 novels

Explanation: 49 - 12 = 37 novels remaining.

Q7. In a school garden, there are 37 yellow marigolds and 12 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 49 flowers

Explanation: 37 + 12 = 49 flowers.

Q8. Find the missing number: 37 + [?] = 49. [1 Mark]

Correct Answer: 12

Explanation: Missing value is 12 because 37 + 12 = 49.

Q9. Complete the pattern: 37, 42, 47, [?]. [1 Mark]

Correct Answer: 52

Explanation: The pattern increases by 5. 47 + 5 = 52.

Q10. A student claimed that 37 + 12 = 59 because 'we must add 10 to every answer'. Why [1 Mark]
is this student wrong?

Correct Answer: Addition means combining only the given numbers without adding extra amounts

Explanation: 37 + 12 equals exactly 49.

Q11. Sam evaluated 49 - 12 and wrote 61. What was Sam's mistake? [1 Mark]

Correct Answer: He added instead of subtracting

Explanation: The minus sign means subtraction (taking away), but Sam performed addition.

Q12. Why is 49 greater than 37? [1 Mark]

Correct Answer: Because 49 includes 37 plus an additional 12 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 37 + 12 = 49, what is 12 + 37? **[1 Mark]**

Correct Answer: 49

Explanation: The order of addends does not affect the sum (commutative property).

Q14. A secret number plus 12 equals 49. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 74

Explanation: The secret number is 37. Doubling it gives 37 x 2 = 74.

Q15. What is the difference between (49 + 10) and (37 + 10)? **[1 Mark]**

Correct Answer: 12

Explanation: Adding 10 to both numbers does not change their difference: (49 + 10) - (37 + 10) = 49 - 37 = 12.