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

Maths Word Problems - Worksheet 2 [ANSWER KEY]

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

Q1. In Chapter 'Maths Word Problems', calculate: 16 + 13 = ? [1 Mark]

Correct Answer: 29

Explanation: 16 + 13 = 29.

Q2. Calculate: 29 - 13 = ? [1 Mark]

Correct Answer: 16

Explanation: 29 - 13 = 16.

Q3. Which comparison is correct: 29 [?] 24? [1 Mark]

Correct Answer: >

Explanation: 29 is greater than 24.

Q4. What number is 10 more than 16? [1 Mark]

Correct Answer: 26

Explanation: 16 + 10 = 26.

Q5. A baker packed 16 apple pies in the morning and 13 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 29 pies

Explanation: 16 + 13 = 29 pies in total.

Q6. A school library received 29 new graphic novels. Students checked out 13 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 16 novels

Explanation: 29 - 13 = 16 novels remaining.

Q7. In a school garden, there are 16 yellow marigolds and 13 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 29 flowers

Explanation: 16 + 13 = 29 flowers.

Q8. Find the missing number: 16 + [?] = 29. [1 Mark]

Correct Answer: 13

Explanation: Missing value is 13 because 16 + 13 = 29.

Q9. Complete the pattern: 16, 21, 26, [?]. [1 Mark]

Correct Answer: 31

Explanation: The pattern increases by 5. 26 + 5 = 31.

Q10. A student claimed that 16 + 13 = 39 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: 16 + 13 equals exactly 29.

Q11. Sam evaluated 29 - 13 and wrote 42. 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 29 greater than 16? [1 Mark]

Correct Answer: Because 29 includes 16 plus an additional 13 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 16 + 13 = 29, what is 13 + 16? **[1 Mark]**

Correct Answer: 29

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

Q14. A secret number plus 13 equals 29. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 32

Explanation: The secret number is 16. Doubling it gives 16 x 2 = 32.

Q15. What is the difference between (29 + 10) and (16 + 10)? **[1 Mark]**

Correct Answer: 13

Explanation: Adding 10 to both numbers does not change their difference: (29 + 10) - (16 + 10) = 29 - 16 = 13.