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

Measurement of Length - Worksheet 4 [ANSWER KEY]

Grade 2 | Mathematics | Ch 13: Measurement of Length | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Measurement of Length', calculate: 47 + 14 = ? [1 Mark]

Correct Answer: 61

Explanation: 47 + 14 = 61.

Q2. Calculate: 61 - 14 = ? [1 Mark]

Correct Answer: 47

Explanation: 61 - 14 = 47.

Q3. Which comparison is correct: 61 [?] 56? [1 Mark]

Correct Answer: >

Explanation: 61 is greater than 56.

Q4. What number is 10 more than 47? [1 Mark]

Correct Answer: 57

Explanation: 47 + 10 = 57.

Q5. A baker packed 47 apple pies in the morning and 14 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 61 pies

Explanation: 47 + 14 = 61 pies in total.

Q6. A school library received 61 new graphic novels. Students checked out 14 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 47 novels

Explanation: 61 - 14 = 47 novels remaining.

Q7. In a school garden, there are 47 yellow marigolds and 14 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 61 flowers

Explanation: 47 + 14 = 61 flowers.

Q8. Find the missing number: 47 + [?] = 61. [1 Mark]

Correct Answer: 14

Explanation: Missing value is 14 because 47 + 14 = 61.

Q9. Complete the pattern: 47, 52, 57, [?]. [1 Mark]

Correct Answer: 62

Explanation: The pattern increases by 5. 57 + 5 = 62.

Q10. A student claimed that 47 + 14 = 71 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: 47 + 14 equals exactly 61.

Q11. Sam evaluated 61 - 14 and wrote 75. 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 61 greater than 47? [1 Mark]

Correct Answer: Because 61 includes 47 plus an additional 14 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 47 + 14 = 61, what is 14 + 47? **[1 Mark]**

Correct Answer: 61

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

Q14. A secret number plus 14 equals 61. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 94

Explanation: The secret number is 47. Doubling it gives 47 x 2 = 94.

Q15. What is the difference between (61 + 10) and (47 + 10)? **[1 Mark]**

Correct Answer: 14

Explanation: Adding 10 to both numbers does not change their difference: (61 + 10) - (47 + 10) = 61 - 47 = 14.