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

Measurement of Capacity - Worksheet 3 [ANSWER KEY]

Grade 2 | Mathematics | Ch 15: Measurement of Capacity | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Measurement of Capacity', calculate: 46 + 21 = ? [1 Mark]

Correct Answer: 67

Explanation: 46 + 21 = 67.

Q2. Calculate: 67 - 21 = ? [1 Mark]

Correct Answer: 46

Explanation: 67 - 21 = 46.

Q3. Which comparison is correct: 67 [?] 62? [1 Mark]

Correct Answer: >

Explanation: 67 is greater than 62.

Q4. What number is 10 more than 46? [1 Mark]

Correct Answer: 56

Explanation: 46 + 10 = 56.

Q5. A baker packed 46 apple pies in the morning and 21 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 67 pies

Explanation: 46 + 21 = 67 pies in total.

Q6. A school library received 67 new graphic novels. Students checked out 21 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 46 novels

Explanation: 67 - 21 = 46 novels remaining.

Q7. In a school garden, there are 46 yellow marigolds and 21 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 67 flowers

Explanation: 46 + 21 = 67 flowers.

Q8. Find the missing number: 46 + [?] = 67. [1 Mark]

Correct Answer: 21

Explanation: Missing value is 21 because 46 + 21 = 67.

Q9. Complete the pattern: 46, 51, 56, [?]. [1 Mark]

Correct Answer: 61

Explanation: The pattern increases by 5. 56 + 5 = 61.

Q10. A student claimed that 46 + 21 = 77 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: 46 + 21 equals exactly 67.

Q11. Sam evaluated 67 - 21 and wrote 88. 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 67 greater than 46? [1 Mark]

Correct Answer: Because 67 includes 46 plus an additional 21 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 46 + 21 = 67, what is 21 + 46? **[1 Mark]**

Correct Answer: 67

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

Q14. A secret number plus 21 equals 67. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 92

Explanation: The secret number is 46. Doubling it gives 46 x 2 = 92.

Q15. What is the difference between (67 + 10) and (46 + 10)? **[1 Mark]**

Correct Answer: 21

Explanation: Adding 10 to both numbers does not change their difference: (67 + 10) - (46 + 10) = 67 - 46 = 21.