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

Numbers 1-100 - Worksheet 5 [ANSWER KEY]

Grade 2 | Mathematics | Ch 2: Numbers 1-100 | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Numbers 1-100', calculate: 21 + 12 = ? [1 Mark]

Correct Answer: 33

Explanation: 21 + 12 = 33.

Q2. Calculate: 33 - 12 = ? [1 Mark]

Correct Answer: 21

Explanation: 33 - 12 = 21.

Q3. Which comparison is correct: 33 [?] 28? [1 Mark]

Correct Answer: >

Explanation: 33 is greater than 28.

Q4. What number is 10 more than 21? [1 Mark]

Correct Answer: 31

Explanation: 21 + 10 = 31.

Q5. A baker packed 21 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: 33 pies

Explanation: 21 + 12 = 33 pies in total.

Q6. A school library received 33 new graphic novels. Students checked out 12 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 21 novels

Explanation: 33 - 12 = 21 novels remaining.

Q7. In a school garden, there are 21 yellow marigolds and 12 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 33 flowers

Explanation: 21 + 12 = 33 flowers.

Q8. Find the missing number: 21 + [?] = 33. [1 Mark]

Correct Answer: 12

Explanation: Missing value is 12 because 21 + 12 = 33.

Q9. Complete the pattern: 21, 26, 31, [?]. [1 Mark]

Correct Answer: 36

Explanation: The pattern increases by 5. 31 + 5 = 36.

Q10. A student claimed that 21 + 12 = 43 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: 21 + 12 equals exactly 33.

Q11. Sam evaluated 33 - 12 and wrote 45. 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 33 greater than 21? [1 Mark]

Correct Answer: Because 33 includes 21 plus an additional 12 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 21 + 12 = 33, what is 12 + 21? **[1 Mark]**

Correct Answer: 33

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

Q14. A secret number plus 12 equals 33. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 42

Explanation: The secret number is 21. Doubling it gives 21 x 2 = 42.

Q15. What is the difference between (33 + 10) and (21 + 10)? **[1 Mark]**

Correct Answer: 12

Explanation: Adding 10 to both numbers does not change their difference: (33 + 10) - (21 + 10) = 33 - 21 = 12.