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

Multiplication Basics - Worksheet 8 [ANSWER KEY]

Grade 2 | Mathematics | Ch 7: Multiplication Basics | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Multiplication Basics', calculate: 22 + 21 = ? [1 Mark]

Correct Answer: 43

Explanation: 22 + 21 = 43.

Q2. Calculate: 43 - 21 = ? [1 Mark]

Correct Answer: 22

Explanation: 43 - 21 = 22.

Q3. Which comparison is correct: 43 [?] 38? [1 Mark]

Correct Answer: >

Explanation: 43 is greater than 38.

Q4. What number is 10 more than 22? [1 Mark]

Correct Answer: 32

Explanation: 22 + 10 = 32.

Q5. A baker packed 22 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: 43 pies

Explanation: 22 + 21 = 43 pies in total.

Q6. A school library received 43 new graphic novels. Students checked out 21 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 22 novels

Explanation: 43 - 21 = 22 novels remaining.

Q7. In a school garden, there are 22 yellow marigolds and 21 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 43 flowers

Explanation: 22 + 21 = 43 flowers.

Q8. Find the missing number: 22 + [?] = 43. [1 Mark]

Correct Answer: 21

Explanation: Missing value is 21 because 22 + 21 = 43.

Q9. Complete the pattern: 22, 27, 32, [?]. [1 Mark]

Correct Answer: 37

Explanation: The pattern increases by 5. 32 + 5 = 37.

Q10. A student claimed that 22 + 21 = 53 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: 22 + 21 equals exactly 43.

Q11. Sam evaluated 43 - 21 and wrote 64. 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 43 greater than 22? [1 Mark]

Correct Answer: Because 43 includes 22 plus an additional 21 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 22 + 21 = 43, what is 21 + 22? **[1 Mark]**

Correct Answer: 43

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

Q14. A secret number plus 21 equals 43. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 44

Explanation: The secret number is 22. Doubling it gives 22 x 2 = 44.

Q15. What is the difference between (43 + 10) and (22 + 10)? **[1 Mark]**

Correct Answer: 21

Explanation: Adding 10 to both numbers does not change their difference: (43 + 10) - (22 + 10) = 43 - 22 = 21.