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

2D Shapes - Worksheet 7 [ANSWER KEY]

Grade 2 | Mathematics | Ch 9: 2D Shapes | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter '2D Shapes', calculate: 21 + 28 = ? [1 Mark]

Correct Answer: 49

Explanation: 21 + 28 = 49.

Q2. Calculate: 49 - 28 = ? [1 Mark]

Correct Answer: 21

Explanation: 49 - 28 = 21.

Q3. Which comparison is correct: 49 [?] 44? [1 Mark]

Correct Answer: >

Explanation: 49 is greater than 44.

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 28 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 49 pies

Explanation: 21 + 28 = 49 pies in total.

Q6. A school library received 49 new graphic novels. Students checked out 28 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 21 novels

Explanation: 49 - 28 = 21 novels remaining.

Q7. In a school garden, there are 21 yellow marigolds and 28 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 49 flowers

Explanation: 21 + 28 = 49 flowers.

Q8. Find the missing number: 21 + [?] = 49. [1 Mark]

Correct Answer: 28

Explanation: Missing value is 28 because 21 + 28 = 49.

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 + 28 = 59 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 + 28 equals exactly 49.

Q11. Sam evaluated 49 - 28 and wrote 77. 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 49 greater than 21? [1 Mark]

Correct Answer: Because 49 includes 21 plus an additional 28 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 21 + 28 = 49, what is 28 + 21? **[1 Mark]**

Correct Answer: 49

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

Q14. A secret number plus 28 equals 49. 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 (49 + 10) and (21 + 10)? **[1 Mark]**

Correct Answer: 28

Explanation: Adding 10 to both numbers does not change their difference: (49 + 10) - (21 + 10) = 49 - 21 = 28.