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

2D Shapes - Worksheet 6 [ANSWER KEY]

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

Q1. In Chapter '2D Shapes', calculate: 49 + 25 = ? [1 Mark]

Correct Answer: 74

Explanation: 49 + 25 = 74.

Q2. Calculate: 74 - 25 = ? [1 Mark]

Correct Answer: 49

Explanation: 74 - 25 = 49.

Q3. Which comparison is correct: 74 [?] 69? [1 Mark]

Correct Answer: >

Explanation: 74 is greater than 69.

Q4. What number is 10 more than 49? [1 Mark]

Correct Answer: 59

Explanation: 49 + 10 = 59.

Q5. A baker packed 49 apple pies in the morning and 25 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 74 pies

Explanation: 49 + 25 = 74 pies in total.

Q6. A school library received 74 new graphic novels. Students checked out 25 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 49 novels

Explanation: 74 - 25 = 49 novels remaining.

Q7. In a school garden, there are 49 yellow marigolds and 25 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 74 flowers

Explanation: 49 + 25 = 74 flowers.

Q8. Find the missing number: 49 + [?] = 74. [1 Mark]

Correct Answer: 25

Explanation: Missing value is 25 because 49 + 25 = 74.

Q9. Complete the pattern: 49, 54, 59, [?]. [1 Mark]

Correct Answer: 64

Explanation: The pattern increases by 5. 59 + 5 = 64.

Q10. A student claimed that 49 + 25 = 84 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: 49 + 25 equals exactly 74.

Q11. Sam evaluated 74 - 25 and wrote 99. 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 74 greater than 49? [1 Mark]

Correct Answer: Because 74 includes 49 plus an additional 25 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 49 + 25 = 74, what is 25 + 49? **[1 Mark]**

Correct Answer: 74

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

Q14. A secret number plus 25 equals 74. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 98

Explanation: The secret number is 49. Doubling it gives 49 x 2 = 98.

Q15. What is the difference between (74 + 10) and (49 + 10)? **[1 Mark]**

Correct Answer: 25

Explanation: Adding 10 to both numbers does not change their difference: (74 + 10) - (49 + 10) = 74 - 49 = 25.