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

2D Shapes - Worksheet 3 [ANSWER KEY]

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

Q1. In Chapter '2D Shapes', calculate: 28 + 16 = ? [1 Mark]

Correct Answer: 44

Explanation: 28 + 16 = 44.

Q2. Calculate: 44 - 16 = ? [1 Mark]

Correct Answer: 28

Explanation: 44 - 16 = 28.

Q3. Which comparison is correct: 44 [?] 39? [1 Mark]

Correct Answer: >

Explanation: 44 is greater than 39.

Q4. What number is 10 more than 28? [1 Mark]

Correct Answer: 38

Explanation: 28 + 10 = 38.

Q5. A baker packed 28 apple pies in the morning and 16 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 44 pies

Explanation: 28 + 16 = 44 pies in total.

Q6. A school library received 44 new graphic novels. Students checked out 16 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 28 novels

Explanation: 44 - 16 = 28 novels remaining.

Q7. In a school garden, there are 28 yellow marigolds and 16 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 44 flowers

Explanation: 28 + 16 = 44 flowers.

Q8. Find the missing number: 28 + [?] = 44. [1 Mark]

Correct Answer: 16

Explanation: Missing value is 16 because 28 + 16 = 44.

Q9. Complete the pattern: 28, 33, 38, [?]. [1 Mark]

Correct Answer: 43

Explanation: The pattern increases by 5. 38 + 5 = 43.

Q10. A student claimed that 28 + 16 = 54 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: 28 + 16 equals exactly 44.

Q11. Sam evaluated 44 - 16 and wrote 60. 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 44 greater than 28? [1 Mark]

Correct Answer: Because 44 includes 28 plus an additional 16 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 28 + 16 = 44, what is 16 + 28? **[1 Mark]**

Correct Answer: 44

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

Q14. A secret number plus 16 equals 44. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 56

Explanation: The secret number is 28. Doubling it gives 28 x 2 = 56.

Q15. What is the difference between (44 + 10) and (28 + 10)? **[1 Mark]**

Correct Answer: 16

Explanation: Adding 10 to both numbers does not change their difference: (44 + 10) - (28 + 10) = 44 - 28 = 16.