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

3D Shapes - Worksheet 2 [ANSWER KEY]

Grade 2 | Mathematics | Ch 10: 3D Shapes | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter '3D Shapes', calculate: 24 + 18 = ? [1 Mark]

Correct Answer: 42

Explanation: 24 + 18 = 42.

Q2. Calculate: 42 - 18 = ? [1 Mark]

Correct Answer: 24

Explanation: 42 - 18 = 24.

Q3. Which comparison is correct: 42 [?] 37? [1 Mark]

Correct Answer: >

Explanation: 42 is greater than 37.

Q4. What number is 10 more than 24? [1 Mark]

Correct Answer: 34

Explanation: 24 + 10 = 34.

Q5. A baker packed 24 apple pies in the morning and 18 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 42 pies

Explanation: 24 + 18 = 42 pies in total.

Q6. A school library received 42 new graphic novels. Students checked out 18 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 24 novels

Explanation: 42 - 18 = 24 novels remaining.

Q7. In a school garden, there are 24 yellow marigolds and 18 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 42 flowers

Explanation: 24 + 18 = 42 flowers.

Q8. Find the missing number: 24 + [?] = 42. [1 Mark]

Correct Answer: 18

Explanation: Missing value is 18 because 24 + 18 = 42.

Q9. Complete the pattern: 24, 29, 34, [?]. [1 Mark]

Correct Answer: 39

Explanation: The pattern increases by 5. 34 + 5 = 39.

Q10. A student claimed that 24 + 18 = 52 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: 24 + 18 equals exactly 42.

Q11. Sam evaluated 42 - 18 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 42 greater than 24? [1 Mark]

Correct Answer: Because 42 includes 24 plus an additional 18 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 24 + 18 = 42, what is 18 + 24? **[1 Mark]**

Correct Answer: 42

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

Q14. A secret number plus 18 equals 42. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 48

Explanation: The secret number is 24. Doubling it gives 24 x 2 = 48.

Q15. What is the difference between (42 + 10) and (24 + 10)? **[1 Mark]**

Correct Answer: 18

Explanation: Adding 10 to both numbers does not change their difference: (42 + 10) - (24 + 10) = 42 - 24 = 18.