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

3D Shapes - Worksheet 10 [ANSWER KEY]

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

Q1. In Chapter '3D Shapes', calculate: 45 + 17 = ? [1 Mark]

Correct Answer: 62

Explanation: 45 + 17 = 62.

Q2. Calculate: 62 - 17 = ? [1 Mark]

Correct Answer: 45

Explanation: 62 - 17 = 45.

Q3. Which comparison is correct: 62 [?] 57? [1 Mark]

Correct Answer: >

Explanation: 62 is greater than 57.

Q4. What number is 10 more than 45? [1 Mark]

Correct Answer: 55

Explanation: 45 + 10 = 55.

Q5. A baker packed 45 apple pies in the morning and 17 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 62 pies

Explanation: 45 + 17 = 62 pies in total.

Q6. A school library received 62 new graphic novels. Students checked out 17 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 45 novels

Explanation: 62 - 17 = 45 novels remaining.

Q7. In a school garden, there are 45 yellow marigolds and 17 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 62 flowers

Explanation: 45 + 17 = 62 flowers.

Q8. Find the missing number: 45 + [?] = 62. [1 Mark]

Correct Answer: 17

Explanation: Missing value is 17 because 45 + 17 = 62.

Q9. Complete the pattern: 45, 50, 55, [?]. [1 Mark]

Correct Answer: 60

Explanation: The pattern increases by 5. 55 + 5 = 60.

Q10. A student claimed that 45 + 17 = 72 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: 45 + 17 equals exactly 62.

Q11. Sam evaluated 62 - 17 and wrote 79. 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 62 greater than 45? [1 Mark]

Correct Answer: Because 62 includes 45 plus an additional 17 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 45 + 17 = 62, what is 17 + 45? **[1 Mark]**

Correct Answer: 62

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

Q14. A secret number plus 17 equals 62. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 90

Explanation: The secret number is 45. Doubling it gives 45 x 2 = 90.

Q15. What is the difference between (62 + 10) and (45 + 10)? **[1 Mark]**

Correct Answer: 17

Explanation: Adding 10 to both numbers does not change their difference: (62 + 10) - (45 + 10) = 62 - 45 = 17.