Patterns - Worksheet 10

Grade 2 | Mathematics | Ch 12: Patterns | Total Marks: 19 | Time: 35 Minutes

Student Name: _____ **Roll / ID No:** _____

Grade / Section: _____ **Date:** _____ **Score:** _____ / 19

Instructions: Section A (Q1-Q4): Choose the correct option (A, B, C, or D). Section B (Q5-Q9): Write your exact one-word or numerical answer. Section C & D (Q10-Q15): Write your detailed answers, corrections, and show all working steps neatly in the space provided.

Q1. In Chapter 'Patterns', calculate: 16 + 27 = ? [1 Mark]

( ) A. 44
( ) B. 42
( ) C. 53
( ) D. 43

Q2. Calculate: 43 - 27 = ? [1 Mark]

( ) A. 17
( ) B. 16
( ) C. 27
( ) D. 15

Q3. Which comparison is correct: 43 [?] 38? [1 Mark]

( ) A.
( ) B. <
( ) C. >
( ) D. =

Q4. What number is 10 more than 16? [1 Mark]

( ) A. 17
( ) B. 6
( ) C. 26
( ) D. 36

Q5. A baker packed 16 apple pies in the morning and 27 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

( ) A. 41 pies
( ) B. 43 pies
( ) C. 45 pies
( ) D. 16 pies

Q6. A school library received 43 new graphic novels. Students checked out 27 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

( ) A. 17 novels
( ) B. 27 novels
( ) C. 43 novels
( ) D. 16 novels

Q7. In a school garden, there are 16 yellow marigolds and 27 purple petunias. How many flowers are blooming in total? [1 Mark]

( ) A. 27 flowers
( ) B. 48 flowers
( ) C. 16 flowers
( ) D. 43 flowers

Q8. Find the missing number: 16 + [?] = 43. [1 Mark]

( ) A. 26
( ) B. 16
( ) C. 28
( ) D. 27

Q9. Complete the pattern: 16, 21, 26, [?]. [1 Mark]

( ) A. 36
( ) B. 28
( ) C. 30
( ) D. 31

Q10. A student claimed that 16 + 27 = 53 because 'we must add 10 to every answer'. Why is this student wrong? [1 Mark]

( ) A. Addition means combining only the given numbers without adding extra amounts
( ) B. The answer is 0
( ) C. Addition is only for 1-digit numbers
( ) D. The student subtracted instead

Q11. Sam evaluated 43 - 27 and wrote 70. What was Sam's mistake? [1 Mark]

( ) A. He added instead of subtracting
( ) B. He multiplied by 2
( ) C. He forgot the units place
( ) D. He divided the numbers

Q12. Why is 43 greater than 16? [1 Mark]

( ) A. Because {tot} has a bigger first digit
( ) B. Because {v1} is an even number
( ) C. Numbers ending in 0 are always smaller
( ) D. Because 43 includes 16 plus an additional 27 items

Q13. If 16 + 27 = 43, what is 27 + 16? [1 Mark]

( ) A. 27
( ) B. 16
( ) C. 44
( ) D. 43

Q14. A secret number plus 27 equals 43. If you double the secret number, what is the result? [1 Mark]

( ) A. 86
( ) B. 18
( ) C. 32
( ) D. 16

Q15. What is the difference between (43 + 10) and (16 + 10)? **[1 Mark]**

( ) A. 43
( ) B. 16
( ) C. 27
( ) D. 37