Patterns - Worksheet 6

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: 23 + 15 = ? [1 Mark]

( ) A. 48
( ) B. 39
( ) C. 37
( ) D. 38

Q2. Calculate: 38 - 15 = ? [1 Mark]

( ) A. 23
( ) B. 22
( ) C. 24
( ) D. 15

Q3. Which comparison is correct: 38 [?] 33? [1 Mark]

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

Q4. What number is 10 more than 23? [1 Mark]

( ) A. 24
( ) B. 43
( ) C. 33
( ) D. 13

Q5. A baker packed 23 apple pies in the morning and 15 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

( ) A. 40 pies
( ) B. 38 pies
( ) C. 23 pies
( ) D. 36 pies

Q6. A school library received 38 new graphic novels. Students checked out 15 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

( ) A. 23 novels
( ) B. 38 novels
( ) C. 24 novels
( ) D. 15 novels

Q7. In a school garden, there are 23 yellow marigolds and 15 purple petunias. How many flowers are blooming in total? [1 Mark]

( ) A. 23 flowers
( ) B. 15 flowers
( ) C. 43 flowers
( ) D. 38 flowers

Q8. Find the missing number: 23 + [?] = 38. [1 Mark]

( ) A. 16
( ) B. 14
( ) C. 15
( ) D. 23

Q9. Complete the pattern: 23, 28, 33, [?]. [1 Mark]

( ) A. 38
( ) B. 35
( ) C. 37
( ) D. 43

Q10. A student claimed that 23 + 15 = 48 because 'we must add 10 to every answer'. Why is this student wrong? [1 Mark]

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

Q11. Sam evaluated 38 - 15 and wrote 53. What was Sam's mistake? [1 Mark]

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

Q12. Why is 38 greater than 23? [1 Mark]

( ) A. Because {v1} is an even number
( ) B. Because 38 includes 23 plus an additional 15 items
( ) C. Numbers ending in 0 are always smaller
( ) D. Because {tot} has a bigger first digit

Q13. If 23 + 15 = 38, what is 15 + 23? [1 Mark]

( ) A. 15
( ) B. 39
( ) C. 23
( ) D. 38

Q14. A secret number plus 15 equals 38. If you double the secret number, what is the result? [1 Mark]

( ) A. 76
( ) B. 25
( ) C. 23
( ) D. 46

Q15. What is the difference between (38 + 10) and (23 + 10)? **[1 Mark]**

( ) A. 23
( ) B. 15
( ) C. 38
( ) D. 25