WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Patterns - Worksheet 1

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 + 25 = ? [1 Mark]

( ) A. 47
( ) B. 49
( ) C. 48
( ) D. 58

Q2. Calculate: 48 - 25 = ? [1 Mark]

( ) A. 25
( ) B. 23
( ) C. 22
( ) D. 24

Q3. Which comparison is correct: 48 [?] 43? [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 25 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

( ) A. 23 pies
( ) B. 48 pies
( ) C. 46 pies
( ) D. 50 pies

Q6. A school library received 48 new graphic novels. Students checked out 25 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

( ) A. 24 novels
( ) B. 23 novels
( ) C. 25 novels
( ) D. 48 novels

Q7. In a school garden, there are 23 yellow marigolds and 25 purple petunias. How many flowers are blooming in total? [1 Mark]

( ) A. 48 flowers
( ) B. 53 flowers
( ) C. 25 flowers
( ) D. 23 flowers

Q8. Find the missing number: 23 + [?] = 48. [1 Mark]

( ) A. 26
( ) B. 25
( ) C. 23
( ) D. 24

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

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

Q10. A student claimed that 23 + 25 = 58 because 'we must add 10 to every answer'. Why is this student wrong? [1 Mark]

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

Q11. Sam evaluated 48 - 25 and wrote 73. What was Sam's mistake? [1 Mark]

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

Q12. Why is 48 greater than 23? [1 Mark]

( ) A. Because {tot} has a bigger first digit
( ) B. Numbers ending in 0 are always smaller
( ) C. Because 48 includes 23 plus an additional 25 items
( ) D. Because {v1} is an even number

Q13. If 23 + 25 = 48, what is 25 + 23? [1 Mark]

( ) A. 49
( ) B. 23
( ) C. 25
( ) D. 48

Q14. A secret number plus 25 equals 48. If you double the secret number, what is the result? [1 Mark]

( ) A. 96
( ) B. 25
( ) C. 23
( ) D. 46

Q15. What is the difference between (48 + 10) and (23 + 10)? **[1 Mark]**

( ) A. 23
( ) B. 48
( ) C. 25
( ) D. 35