Patterns - Worksheet 7

Grade 1 | Mathematics | Ch 9: Patterns | Total Marks: 19 | Time: 30 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', what is 13 + 8? [1 Mark]

( ) A. 20
( ) B. 21
( ) C. 23
( ) D. 22

Q2. Which number is 1 more than 21? [1 Mark]

( ) A. 20
( ) B. 21
( ) C. 22
( ) D. 23

Q3. Compare the quantities: 18 [?] 15. [1 Mark]

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

Q4. What is the result of taking away 8 from 21? [1 Mark]

( ) A. 13
( ) B. 8
( ) C. 14
( ) D. 12

Q5. A baker made 13 blueberry muffins in the morning and 8 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

( ) A. 23 muffins
( ) B. 13 muffins
( ) C. 20 muffins
( ) D. 21 muffins

Q6. A school library table had 21 storybooks. Students checked out 8 books. How many books remain on the table? [1 Mark]

( ) A. 8 books
( ) B. 13 books
( ) C. 12 books
( ) D. 14 books

Q7. In a garden, there are 13 red butterflies and 8 blue butterflies. How many butterflies are fluttering together? [1 Mark]

( ) A. 21 butterflies
( ) B. 8 butterflies
( ) C. 24 butterflies
( ) D. 13 butterflies

Q8. Find the missing number: 13 + [?] = 21. [1 Mark]

( ) A. 7
( ) B. 8
( ) C. 13
( ) D. 9

Q9. What number completes the pattern: 13, 15, 17, [?]? [1 Mark]

( ) A. 20
( ) B. 21
( ) C. 18
( ) D. 19

Q10. A student said that 13 + 8 equals 31 because 'we always put 1 in front'. What mistake did the student make? [1 Mark]

( ) A. The addition is correct
( ) B. They forgot the decimal
( ) C. They subtracted instead
( ) D. They confused adding numbers with writing digits side by side

Q11. Sam claims: 'Taking away 8 from 21 gives 29.' What did Sam do wrong? [1 Mark]

( ) A. He forgot the tens
( ) B. He counted backward
( ) C. He added instead of subtracting
( ) D. He divided the numbers

Q12. Why is 21 greater than 13? [1 Mark]

( ) A. Because order doesn't matter
( ) B. Because adding 8 positive items increases the total amount
( ) C. Because subtraction makes numbers bigger
( ) D. Because it ends with an odd digit

Q13. If 13 + 8 = 21, what is 8 + 13? [1 Mark]

( ) A. 22
( ) B. 8
( ) C. 21
( ) D. 13

Q14. I am a mystery number. If you add 8 to me, you get 21. Then if you subtract 2, what do you get? [1 Mark]

( ) A. 8
( ) B. 11
( ) C. 13
( ) D. 15

Q15. Farmer Dan has 13 sheep. Farmer Ben has 8 sheep. How many sheep must Dan give to Ben so they have different counts by 1? **[1 Mark]**

( ) A. 1 sheep
( ) B. Calculate difference
( ) C. None
( ) D. All of them