Maths Puzzles and Reasoning - Worksheet 6

Grade 1 | Mathematics | Ch 15: Maths Puzzles and Reasoning | 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 'Maths Puzzles and Reasoning', what is 9 + 3? [1 Mark]

( ) A. 12
( ) B. 13
( ) C. 11
( ) D. 14

Q2. Which number is 1 more than 12? [1 Mark]

( ) A. 11
( ) B. 13
( ) C. 14
( ) D. 12

Q3. Compare the quantities: 14 [?] 11. [1 Mark]

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

Q4. What is the result of taking away 3 from 12? [1 Mark]

( ) A. 3
( ) B. 8
( ) C. 10
( ) D. 9

Q5. A baker made 9 blueberry muffins in the morning and 3 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

( ) A. 14 muffins
( ) B. 11 muffins
( ) C. 9 muffins
( ) D. 12 muffins

Q6. A school library table had 12 storybooks. Students checked out 3 books. How many books remain on the table? [1 Mark]

( ) A. 3 books
( ) B. 8 books
( ) C. 9 books
( ) D. 10 books

Q7. In a garden, there are 9 red butterflies and 3 blue butterflies. How many butterflies are fluttering together? **[1 Mark]**

( ) A. 15 butterflies
( ) B. 9 butterflies
( ) C. 12 butterflies
( ) D. 3 butterflies

Q8. Find the missing number: 9 + [?] = 12. **[1 Mark]**

( ) A. 4
( ) B. 9
( ) C. 2
( ) D. 3

Q9. What number completes the pattern: 9, 11, 13, [?]? **[1 Mark]**

( ) A. 16
( ) B. 14
( ) C. 15
( ) D. 17

Q10. A student said that 9 + 3 equals 22 because 'we always put 1 in front'. What mistake did the student make? **[1 Mark]**

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

Q11. Sam claims: 'Taking away 3 from 12 gives 15.' What did Sam do wrong? **[1 Mark]**

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

Q12. Why is 12 greater than 9? **[1 Mark]**

( ) A. Because order doesn't matter
( ) B. Because subtraction makes numbers bigger
( ) C. Because it ends with an odd digit
( ) D. Because adding 3 positive items increases the total amount

Q13. If 9 + 3 = 12, what is 3 + 9? **[1 Mark]**

( ) A. 9
( ) B. 3
( ) C. 12
( ) D. 13

Q14. I am a mystery number. If you add 3 to me, you get 12. Then if you subtract 2, what do you get? **[1 Mark]**

( ) A. 7
( ) B. 9
( ) C. 3
( ) D. 11

Q15. Farmer Dan has 9 sheep. Farmer Ben has 3 sheep. How many sheep must Dan give to Ben so they have different counts by 1? **[1 Mark]**

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