WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Maths Puzzles and Reasoning - Worksheet 8

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 11 + 9? [1 Mark]

( ) A. 20
( ) B. 19
( ) C. 21
( ) D. 22

Q2. Which number is 1 more than 20? [1 Mark]

( ) A. 20
( ) B. 21
( ) C. 22
( ) D. 19

Q3. Compare the quantities: 16 [?] 13. [1 Mark]

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

Q4. What is the result of taking away 9 from 20? [1 Mark]

( ) A. 9
( ) B. 12
( ) C. 10
( ) D. 11

Q5. A baker made 11 blueberry muffins in the morning and 9 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

( ) A. 11 muffins
( ) B. 19 muffins
( ) C. 22 muffins
( ) D. 20 muffins

Q6. A school library table had 20 storybooks. Students checked out 9 books. How many books remain on the table? [1 Mark]

( ) A. 11 books
( ) B. 12 books
( ) C. 9 books
( ) D. 10 books

Q7. In a garden, there are 11 red butterflies and 9 blue butterflies. How many butterflies are fluttering together? [1 Mark]

( ) A. 23 butterflies
( ) B. 20 butterflies
( ) C. 11 butterflies
( ) D. 9 butterflies

Q8. Find the missing number: 11 + [?] = 20. [1 Mark]

( ) A. 10
( ) B. 8
( ) C. 9
( ) D. 11

Q9. What number completes the pattern: 11, 13, 15, [?]? [1 Mark]

( ) A. 18
( ) B. 16
( ) C. 19
( ) D. 17

Q10. A student said that 11 + 9 equals 30 because 'we always put 1 in front'. What mistake did the student make? [1 Mark]

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

Q11. Sam claims: 'Taking away 9 from 20 gives 29.' What did Sam do wrong? [1 Mark]

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

Q12. Why is 20 greater than 11? [1 Mark]

( ) A. Because it ends with an odd digit
( ) B. Because subtraction makes numbers bigger
( ) C. Because order doesn't matter
( ) D. Because adding 9 positive items increases the total amount

Q13. If 11 + 9 = 20, what is 9 + 11? [1 Mark]

( ) A. 21
( ) B. 9
( ) C. 20
( ) D. 11

Q14. I am a mystery number. If you add 9 to me, you get 20. Then if you subtract 2, what do you get? [1 Mark]

( ) A. 9
( ) B. 9
( ) C. 11
( ) D. 13

Q15. Farmer Dan has 11 sheep. Farmer Ben has 9 sheep. How many sheep must Dan give to Ben so they have different counts by 1? **[1 Mark]**

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