WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

Maths Puzzles and Reasoning - Worksheet 6

Grade 2 | Mathematics | Ch 20: Maths Puzzles and Reasoning | 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 'Maths Puzzles and Reasoning', calculate: 47 + 30 = ? [1 Mark]

( ) A. 78
( ) B. 87
( ) C. 76
( ) D. 77

Q2. Calculate: 77 - 30 = ? [1 Mark]

( ) A. 30
( ) B. 48
( ) C. 47
( ) D. 46

Q3. Which comparison is correct: 77 [?] 72? [1 Mark]

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

Q4. What number is 10 more than 47? [1 Mark]

( ) A. 37
( ) B. 48
( ) C. 67
( ) D. 57

Q5. A baker packed 47 apple pies in the morning and 30 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

( ) A. 47 pies
( ) B. 75 pies
( ) C. 79 pies
( ) D. 77 pies

Q6. A school library received 77 new graphic novels. Students checked out 30 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

( ) A. 47 novels
( ) B. 30 novels
( ) C. 77 novels
( ) D. 48 novels

Q7. In a school garden, there are 47 yellow marigolds and 30 purple petunias. How many flowers are blooming in total? **[1 Mark]**

( ) A. 82 flowers
( ) B. 77 flowers
( ) C. 30 flowers
( ) D. 47 flowers

Q8. Find the missing number: 47 + [?] = 77. **[1 Mark]**

( ) A. 30
( ) B. 47
( ) C. 29
( ) D. 31

Q9. Complete the pattern: 47, 52, 57, [?]. **[1 Mark]**

( ) A. 67
( ) B. 62
( ) C. 61
( ) D. 59

Q10. A student claimed that 47 + 30 = 87 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 student subtracted instead
( ) C. The answer is 0
( ) D. Addition means combining only the given numbers without adding extra amounts

Q11. Sam evaluated 77 - 30 and wrote 107. What was Sam's mistake? **[1 Mark]**

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

Q12. Why is 77 greater than 47? **[1 Mark]**

( ) A. Because {tot} has a bigger first digit
( ) B. Numbers ending in 0 are always smaller
( ) C. Because 77 includes 47 plus an additional 30 items
( ) D. Because {v1} is an even number

Q13. If 47 + 30 = 77, what is 30 + 47? **[1 Mark]**

( ) A. 47
( ) B. 30
( ) C. 77
( ) D. 78

Q14. A secret number plus 30 equals 77. If you double the secret number, what is the result? **[1 Mark]**

( ) A. 47
( ) B. 49
( ) C. 154
( ) D. 94

Q15. What is the difference between (77 + 10) and (47 + 10)? **[1 Mark]**

( ) A. 47
( ) B. 30
( ) C. 40
( ) D. 77