WONDERLEARNERZ PRIMARY ACADEMY â€" OFFICIAL ANSWER KEY & MARKING SCHEME

Maths Puzzles and Reasoning - Worksheet 1 [ANSWER KEY]

Grade 1 | Mathematics | Ch 15: Maths Puzzles and Reasoning | Total Marks: 19 | Time: 30 Minutes

Q1. In Chapter 'Maths Puzzles and Reasoning', what is 4 + 4? [1 Mark]

Correct Answer: 8

Explanation: 4 + 4 = 8.

Q2. Which number is 1 more than 8? [1 Mark]

Correct Answer: 9

Explanation: Adding 1 gives 9.

Q3. Compare the quantities: 9 [?] 6. [1 Mark]

Correct Answer: >

Explanation: 9 is greater than 6.

Q4. What is the result of taking away 4 from 8? [1 Mark]

Correct Answer: 4

Explanation: (8) - 4 = 4.

Q5. A baker made 4 blueberry muffins in the morning and 4 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

Correct Answer: 8 muffins

Explanation: 4 + 4 = 8 muffins baked.

Q6. A school library table had 8 storybooks. Students checked out 4 books. How many books remain on the table? [1 Mark]

Correct Answer: 4 books

Explanation: (8) - 4 = 4 books remain.

Q7. In a garden, there are 4 red butterflies and 4 blue butterflies. How many butterflies are fluttering together? [1 Mark]

Correct Answer: 8 butterflies

Explanation: 4 + 4 = 8 butterflies.

Q8. Find the missing number: 4 + [?] = 8. [1 Mark]

Correct Answer: 4

Explanation: Missing number is 4 because 4 + 4 = 8.

Q9. What number completes the pattern: 4, 6, 8, [?]? [1 Mark]

Correct Answer: 10

Explanation: The pattern adds 2 each time. 8 + 2 = 10.

Q10. A student said that 4 + 4 equals 18 because 'we always put 1 in front'. What mistake did the student make? [1 Mark]

Correct Answer: They confused adding numbers with writing digits side by side

Explanation: Place values must be added together, not concatenated blindly.

Q11. Sam claims: 'Taking away 4 from 8 gives 12.' What did Sam do wrong? [1 Mark]

Correct Answer: He added instead of subtracting

Explanation: Taking away means subtraction, but Sam performed addition.

Q12. Why is 8 greater than 4? [1 Mark]

Correct Answer: Because adding 4 positive items increases the total amount

Explanation: Adding any non-zero positive number produces a larger total.

Q13. If 4 + 4 = 8, what is 4 + 4? [1 Mark]

Correct Answer: 8

Explanation: Addition is commutative: changing the order of addends does not change the sum.

Q14. I am a mystery number. If you add 4 to me, you get 8. Then if you subtract 2, **[1 Mark]**
what do you get?
Correct Answer: 2
Explanation: The mystery number is 4. Subtracting 2 gives 2.

Q15. Farmer Dan has 4 sheep. Farmer Ben has 4 sheep. How many sheep must Dan give to **[1 Mark]**
Ben so they have different counts by 1?
Correct Answer: 1 sheep
Explanation: Adjusting by 1 changes the relative difference by 2.