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

Maths Puzzles and Reasoning - Worksheet 3 [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 6 + 2? [1 Mark]

Correct Answer: 8

Explanation: 6 + 2 = 8.

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

Correct Answer: 9

Explanation: Adding 1 gives 9.

Q3. Compare the quantities: 11 [?] 8. [1 Mark]

Correct Answer: >

Explanation: 11 is greater than 8.

Q4. What is the result of taking away 2 from 8? [1 Mark]

Correct Answer: 6

Explanation: (8) - 2 = 6.

Q5. A baker made 6 blueberry muffins in the morning and 2 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

Correct Answer: 8 muffins

Explanation: 6 + 2 = 8 muffins baked.

Q6. A school library table had 8 storybooks. Students checked out 2 books. How many books remain on the table? [1 Mark]

Correct Answer: 6 books

Explanation: (8) - 2 = 6 books remain.

Q7. In a garden, there are 6 red butterflies and 2 blue butterflies. How many butterflies are fluttering together? [1 Mark]

Correct Answer: 8 butterflies

Explanation: 6 + 2 = 8 butterflies.

Q8. Find the missing number: 6 + [?] = 8. [1 Mark]

Correct Answer: 2

Explanation: Missing number is 2 because 6 + 2 = 8.

Q9. What number completes the pattern: 6, 8, 10, [?]? [1 Mark]

Correct Answer: 12

Explanation: The pattern adds 2 each time. 10 + 2 = 12.

Q10. A student said that 6 + 2 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 2 from 8 gives 10.' 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 6? [1 Mark]

Correct Answer: Because adding 2 positive items increases the total amount

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

Q13. If 6 + 2 = 8, what is 2 + 6? [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 2 to me, you get 8. Then if you subtract 2, **[1 Mark]**
what do you get?
Correct Answer: 4
Explanation: The mystery number is 6. Subtracting 2 gives 4.

Q15. Farmer Dan has 6 sheep. Farmer Ben has 2 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.