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

# Maths Puzzles and Reasoning - Worksheet 8 [ANSWER KEY]

Grade 2 | Mathematics | Ch 20: Maths Puzzles and Reasoning | Total Marks: 19 | Time: 35 Minutes

**Q1. In Chapter 'Maths Puzzles and Reasoning', calculate: 26 + 36 = ?** [1 Mark]

**Correct Answer: 62**

*Explanation: 26 + 36 = 62.*

**Q2. Calculate: 62 - 36 = ?** [1 Mark]

**Correct Answer: 26**

*Explanation: 62 - 36 = 26.*

**Q3. Which comparison is correct: 62 [ ? ] 57?** [1 Mark]

**Correct Answer: >**

*Explanation: 62 is greater than 57.*

**Q4. What number is 10 more than 26?** [1 Mark]

**Correct Answer: 36**

*Explanation: 26 + 10 = 36.*

**Q5. A baker packed 26 apple pies in the morning and 36 cherry pies in the afternoon.** [1 Mark]
How many pies did the baker pack in all?

**Correct Answer: 62 pies**

*Explanation: 26 + 36 = 62 pies in total.*

**Q6. A school library received 62 new graphic novels. Students checked out 36 novels on** [1 Mark]
Monday. How many new novels are still on the shelf?

**Correct Answer: 26 novels**

*Explanation: 62 - 36 = 26 novels remaining.*

**Q7. In a school garden, there are 26 yellow marigolds and 36 purple petunias. How many** [1 Mark]
flowers are blooming in total?

**Correct Answer: 62 flowers**

*Explanation: 26 + 36 = 62 flowers.*

**Q8. Find the missing number: 26 + [ ? ] = 62.** [1 Mark]

**Correct Answer: 36**

*Explanation: Missing value is 36 because 26 + 36 = 62.*

**Q9. Complete the pattern: 26, 31, 36, [ ? ].** [1 Mark]

**Correct Answer: 41**

*Explanation: The pattern increases by 5. 36 + 5 = 41.*

**Q10. A student claimed that 26 + 36 = 72 because 'we must add 10 to every answer'. Why** [1 Mark]
is this student wrong?

**Correct Answer: Addition means combining only the given numbers without adding extra amounts**

*Explanation: 26 + 36 equals exactly 62.*

**Q11. Sam evaluated 62 - 36 and wrote 98. What was Sam's mistake?** [1 Mark]

**Correct Answer: He added instead of subtracting**

*Explanation: The minus sign means subtraction (taking away), but Sam performed addition.*

**Q12. Why is 62 greater than 26?** [1 Mark]

**Correct Answer: Because 62 includes 26 plus an additional 36 items**

*Explanation: Adding a positive quantity always increases the total.*

**Q13. If 26 + 36 = 62, what is 36 + 26?** **[1 Mark]**

**Correct Answer: 62**

*Explanation: The order of addends does not affect the sum (commutative property).*

**Q14. A secret number plus 36 equals 62. If you double the secret number, what is the result?** **[1 Mark]**

**Correct Answer: 52**

*Explanation: The secret number is 26. Doubling it gives 26 x 2 = 52.*

**Q15. What is the difference between (62 + 10) and (26 + 10)?** **[1 Mark]**

**Correct Answer: 36**

*Explanation: Adding 10 to both numbers does not change their difference: (62 + 10) - (26 + 10) = 62 - 26 = 36.*