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

Division Basics - Worksheet 4 [ANSWER KEY]

Grade 2 | Mathematics | Ch 8: Division Basics | Total Marks: 19 | Time: 35 Minutes

Q1. In Chapter 'Division Basics', calculate: 32 + 14 = ? [1 Mark]

Correct Answer: 46

Explanation: 32 + 14 = 46.

Q2. Calculate: 46 - 14 = ? [1 Mark]

Correct Answer: 32

Explanation: 46 - 14 = 32.

Q3. Which comparison is correct: 46 [?] 41? [1 Mark]

Correct Answer: >

Explanation: 46 is greater than 41.

Q4. What number is 10 more than 32? [1 Mark]

Correct Answer: 42

Explanation: 32 + 10 = 42.

Q5. A baker packed 32 apple pies in the morning and 14 cherry pies in the afternoon. [1 Mark]
How many pies did the baker pack in all?

Correct Answer: 46 pies

Explanation: 32 + 14 = 46 pies in total.

Q6. A school library received 46 new graphic novels. Students checked out 14 novels on [1 Mark]
Monday. How many new novels are still on the shelf?

Correct Answer: 32 novels

Explanation: 46 - 14 = 32 novels remaining.

Q7. In a school garden, there are 32 yellow marigolds and 14 purple petunias. How many [1 Mark]
flowers are blooming in total?

Correct Answer: 46 flowers

Explanation: 32 + 14 = 46 flowers.

Q8. Find the missing number: 32 + [?] = 46. [1 Mark]

Correct Answer: 14

Explanation: Missing value is 14 because 32 + 14 = 46.

Q9. Complete the pattern: 32, 37, 42, [?]. [1 Mark]

Correct Answer: 47

Explanation: The pattern increases by 5. 42 + 5 = 47.

Q10. A student claimed that 32 + 14 = 56 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: 32 + 14 equals exactly 46.

Q11. Sam evaluated 46 - 14 and wrote 60. 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 46 greater than 32? [1 Mark]

Correct Answer: Because 46 includes 32 plus an additional 14 items

Explanation: Adding a positive quantity always increases the total.

Q13. If 32 + 14 = 46, what is 14 + 32? **[1 Mark]**

Correct Answer: 46

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

Q14. A secret number plus 14 equals 46. If you double the secret number, what is the result? **[1 Mark]**

Correct Answer: 64

Explanation: The secret number is 32. Doubling it gives 32 x 2 = 64.

Q15. What is the difference between (46 + 10) and (32 + 10)? **[1 Mark]**

Correct Answer: 14

Explanation: Adding 10 to both numbers does not change their difference: (46 + 10) - (32 + 10) = 46 - 32 = 14.