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

# 2D Shapes - Worksheet 5 [ANSWER KEY]

Grade 2 | Mathematics | Ch 9: 2D Shapes | Total Marks: 19 | Time: 35 Minutes

**Q1. In Chapter '2D Shapes', calculate: 42 + 22 = ?** [1 Mark]

**Correct Answer: 64**

*Explanation: 42 + 22 = 64.*

**Q2. Calculate: 64 - 22 = ?** [1 Mark]

**Correct Answer: 42**

*Explanation: 64 - 22 = 42.*

**Q3. Which comparison is correct: 64 [ ? ] 59?** [1 Mark]

**Correct Answer: >**

*Explanation: 64 is greater than 59.*

**Q4. What number is 10 more than 42?** [1 Mark]

**Correct Answer: 52**

*Explanation: 42 + 10 = 52.*

**Q5. A baker packed 42 apple pies in the morning and 22 cherry pies in the afternoon.** [1 Mark]
How many pies did the baker pack in all?

**Correct Answer: 64 pies**

*Explanation: 42 + 22 = 64 pies in total.*

**Q6. A school library received 64 new graphic novels. Students checked out 22 novels on** [1 Mark]
Monday. How many new novels are still on the shelf?

**Correct Answer: 42 novels**

*Explanation: 64 - 22 = 42 novels remaining.*

**Q7. In a school garden, there are 42 yellow marigolds and 22 purple petunias. How many** [1 Mark]
flowers are blooming in total?

**Correct Answer: 64 flowers**

*Explanation: 42 + 22 = 64 flowers.*

**Q8. Find the missing number: 42 + [ ? ] = 64.** [1 Mark]

**Correct Answer: 22**

*Explanation: Missing value is 22 because 42 + 22 = 64.*

**Q9. Complete the pattern: 42, 47, 52, [ ? ].** [1 Mark]

**Correct Answer: 57**

*Explanation: The pattern increases by 5. 52 + 5 = 57.*

**Q10. A student claimed that 42 + 22 = 74 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: 42 + 22 equals exactly 64.*

**Q11. Sam evaluated 64 - 22 and wrote 86. 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 64 greater than 42?** [1 Mark]

**Correct Answer: Because 64 includes 42 plus an additional 22 items**

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

**Q13. If 42 + 22 = 64, what is 22 + 42?** **[1 Mark]**

**Correct Answer: 64**

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

**Q14. A secret number plus 22 equals 64. If you double the secret number, what is the** result? **[1 Mark]**

**Correct Answer: 84**

*Explanation: The secret number is 42. Doubling it gives 42 x 2 = 84.*

**Q15. What is the difference between (64 + 10) and (42 + 10)?** **[1 Mark]**

**Correct Answer: 22**

*Explanation: Adding 10 to both numbers does not change their difference: (64 + 10) - (42 + 10) = 64 - 42 = 22.*