Test answers - Addition and subtraction to 100

Year: Year 2 · Duration: 30 minutes · /20

Answer to Question 1 (4 marks)

a. 46 + 20 = 66, 66 + 9 = **75**. (1 mark)
b. 58 + 2 = 60, 60 + 5 = **65**. (1 mark)
c. 83 − 40 = 43, 43 − 1 = **42**. (1 mark)
d. 72 − 30 = 42, 42 − 8 = **34**. (1 mark)

Answer to Question 2 (4 marks)

a. Ones: 7 + 5 = 12, write 2 carry 1. Tens: 3 + 4 + 1 = 8. **82**. Check: 82 − 45 = 37. (2 marks)
b. Ones: 8 + 6 = 14, write 4 carry 1. Tens: 2 + 5 + 1 = 8. **84**. Check: 84 − 56 = 28. (2 marks)

Answer to Question 3 (4 marks)

a. Add the two days: 27 + 19. Adding 19 is the same as adding 20 and taking away 1: 27 + 20 = 47, then 47 − 1 = **46** teddy bears sold. (2 marks: 1 for choosing to add, 1 for 46)
b. Take the sold bears away from 64: 64 − 40 = 24, then 24 − 6 = **18** teddy bears left. Check with the inverse: 18 + 46 = 64. (2 marks: 1 for the subtraction, 1 for 18)

Answer to Question 4 (4 marks)

a. The missing number plus 36 makes 71, so find 71 − 36. 71 − 30 = 41 and 41 − 6 = 35. The missing number is **35**. Check: 35 + 36 = 71. (1 mark)
b. 90 take away the missing number leaves 54, so the missing number is 90 − 54: 90 − 50 = 40 and 40 − 4 = **36**. Check: 90 − 36 = 54. (1 mark)
c. Count on from 47 to 82 on a number line: 47 to 50 is 3, then 50 to 82 is 32. The difference is 3 + 32 = **35**. (2 marks: 1 for a correct method, 1 for 35)

Answer to Question 5 (4 marks)

a. Year 2 plant tulips and daffodils: 38 + 45. Add the tens, 30 + 40 = 70, and the

ones, 8 + 5 = 13. 70 + 13 = **83** bulbs. (1 mark)

b. Add Year 1's 24 bulbs: 83 + 20 = 103, then 103 + 4 = **107** bulbs. (1 mark)
c. The rabbit digs up 16: 107 − 10 = 97, then 97 − 6 = **91** bulbs left. (1 mark)
d. Count on from 91 to 100: that is 9 steps. So **9** bulbs are missing. Check: 91 + 9 = 100. (1 mark)