Test answers - Place value to 100

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

Answer to Question 1 (4 marks)

a. 76 is 7 tens and 6 ones: seventy and six, written **seventy-six** with a hyphen. (1 mark)
b. The 7 is in the tens column, so it means 7 tens. Its value is **70**, not 7. (1 mark)
c. Split the number into its tens and its ones: **76 = 70 + 6**. (1 mark)
d. 10 less takes 1 away from the tens digit and leaves the ones alone: 76 becomes **66**. (1 mark)

Answer to Question 2 (4 marks)

a. Compare the tens first: 48 has 4 tens and 84 has 8 tens. 4 tens is less, so **48 < 84**. (1 mark)
b. Both numbers have 4 tens, so compare the ones: 4 ones is less than 8 ones. So **44 < 48**. (1 mark)
c. Two numbers have 4 tens (44, 48) and two have 8 tens (84, 88). Put each pair in order by the ones: **44, 48, 84, 88**. (2 marks: 1 for comparing tens, 1 for the full order)

Answer to Question 3 (4 marks)

a. The pattern counts in 5s, adding 5 each time. 15 + 5 = **20**, and 20 + 5 = 25 checks it. (1 mark)
b. The pattern counts in 10s, so the tens digit goes up by 1. After 40 comes **50**. (1 mark)
c. The pattern counts in 2s. 6 + 2 = **8**, and 8 + 2 = 10 matches the next number. (1 mark)
d. Counting back in 10s takes 1 away from the tens digit: 80, 70, **60**, 50. (1 mark)

Answer to Question 4 (4 marks)

a. 3 bags of 10 is 30 marbles. 14 loose marbles is 1 more ten and 4 ones. 30 + 14 = **44** marbles. (1 mark)
b. 4 bags of 10 is 40, plus 6 loose marbles: 40 + 6 = **46** marbles. (1 mark)
c. The tens digits match (4 and 4), so the ones decide: 6 is more than 4. 46 > 44, so **her friend** has more. (1 mark)
d. Count on from 44 to 46: 45, 46. That is **2** more marbles. (1 mark)

Answer to Question 5 (4 marks)

a. 50, 51, 52, 53, 54, 55, 56, 57, 58, 59. (1 mark)
b. The even numbers: 50, 52, 54, 56, 58. (1 mark)
c. Only 50 is in the 10 times table. (1 mark)
d. It is smaller than 55, even and not 50, and its ones digit is 4, so the number is **54**. (1 mark)