Education Quizzes

KS1 Maths Quiz - Year 1 Numbers - Counting Forwards and Backwards (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 5 and 6 in year 1. Specifically this quiz is aimed at the section dealing with understanding number and counting on or back.

In Year 1 children are taught how to count forwards and backwards and to understand numbers. This is about understanding where numbers belong and putting them in the right order. Counting forwards in ones is the same as adding one on each time, and counting backwards in ones is the same as subtracting one each time.

**1. What is the next number in this sequence:
85, 84, 83, 82**
[ ] 88
[ ] 18
[ ] 81
[ ] 86

**2. What are the next two numbers in this sequence:
23, 22, 21**
[ ] 20,
[ ] 25,
[ ] 20,
[ ] 12, 1

**3. What is the next number in this sequence:
5, 6, 7, 8**
[ ] 4
[ ] 9
[ ] 10
[ ] 6

**4. Which three numbers are missing from this sequence:
89, ?, 91, 92, 93, 94, ?, ?**
[ ] 89,
[ ] 90,
[ ] 90,
[ ] 88,

**5. What are the next two numbers in this sequence:
27, 28, 29, 30**
[ ] 13,
[ ] 32,
[ ] 31,
[ ] 33,

**6. Which two numbers are missing from this sequence:
109, ?, 107, 106, ?**
[ ] 180,
[ ] 109,
[ ] 110, 104
[ ] 108,

**7. Which two numbers are missing from this sequence:
47, ?, 49, ?, 51**
[ ] 48,
[ ] 46,
[ ] 56,
[ ] 48,

**8. What is wrong with this sequence?
112, 113, 114, 116, 117, 119**
[ ] It is going backwards
[ ] It is too short
[ ] It is too long
[ ] Some numbers are missing

**9. What are the next two numbers in this sequence:
97, 98, 99**
[ ] 99,
[ ] 100, 10
[ ] 97,
[ ] 100,

**10. Which three numbers should come next?
107, 108, 109**
[ ] 1010,   1, 10
[ ] 110, 111, 112
[ ] 10, 1,
[ ] 106,

KS1 Maths Quiz - Year 1 Numbers - Counting Forwards and Backwards (Answers)

1. What is the next number in this sequence:
85, 84, 83, 82
[ ] 88
[ ] 18
[x] 81
[ ] 86
Don't forget to look at whether the numbers are increasing or decreasing!

2. What are the next two numbers in this sequence:
23, 22, 21
[x] 20, 19
[ ] 25, 24
[ ] 20, 21
[ ] 12, 11
Think about which way the numbers are going and use a 100 square if you get stuck

3. What is the next number in this sequence:
5, 6, 7, 8
[ ] 4
[x] 9
[ ] 10
[ ] 6
Counting on your fingers might help you!

4. Which three numbers are missing from this sequence:
89, ?, 91, 92, 93, 94, ?, ?
[ ] 89, 91, 97
[x] 90, 95, 96
[ ] 90, 59, 69
[ ] 88, 89, 90
Use a 100 square or write out the numbers to help you

5. What are the next two numbers in this sequence:
27, 28, 29, 30
[ ] 13, 23
[ ] 32, 23
[x] 31, 32
[ ] 33, 34
Counting up aloud might help you

6. Which two numbers are missing from this sequence:
109, ?, 107, 106, ?
[ ] 180, 150
[ ] 109, 108
[ ] 110, 104
[x] 108, 105
Think about whether the numbers are increasing or decreasing

7. Which two numbers are missing from this sequence:
47, ?, 49, ?, 51
[x] 48, 50
[ ] 46, 55
[ ] 56, 57
[ ] 48, 49
Write the numbers out if you're not sure

8. What is wrong with this sequence?
112, 113, 114, 116, 117, 119
[ ] It is going backwards
[ ] It is too short
[ ] It is too long
[x] Some numbers are missing
Write out the sequence to help find out what's wrong!

9. What are the next two numbers in this sequence:
97, 98, 99
[ ] 99, 101
[ ] 100, 110
[ ] 97, 98
[x] 100, 101
If you have a 100 square, it could be useful if you get stuck

10. Which three numbers should come next?
107, 108, 109
[ ] 1010, 1011, 1012
[x] 110, 111, 112
[ ] 10, 11, 12
[ ] 106, 105, 104
Look at the last digit of each number