Pattern in the Formation of 2-digit Numbers

A. Choose the correct answer:

1. What comes next in the pattern: 12, 22, 32, 42, ___?

a) 52 b) 44

c) 54 d) 50

2. Which pattern rule is followed in 21, 23, 25, 27, 29?

a) Add 2 b) Add 3

c) Add 4 d) Add 5

3. What is the next number in the pattern: 98, 88, 78, ___?

a) 70 b) 68

c) 60 d) 58

4. The pattern 11, 22, 33, 44, ___ increases by

a) 5 b) 10

c) 11 d) 12

5. Which of these is a pattern of even 2-digit numbers?

a) 11, 13, 15, 17 b) 20, 22, 24, 26

c) 21, 23, 25, 27 d) 35, 45, 55, 65

B. Write the Missing Terms to Complete the Sentences:

1. 10, 20, 30, _____, 50
2. 95, 90, 85, _____, 75
3. 13, 26, 39, _____, 65
4. 60, 65, 70, _____, 80
5. 11, 22, 33, _____, 55

C. Mark each sentence with a True (✔) or False (✗):

1. 20, 40, 60, 80 is a pattern of even numbers _____
2. 91, 81, 71, 61 is a decreasing pattern _____
3. All 2-digit numbers are odd _____

4. 10, 30, 50, 70 is a pattern with difference of 10 _____
5. 11, 22, 33, 44 follows subtraction _____

D. Figure out the answers to these questions:

1. Complete the number pattern: 12, 24, 36, 48, ____
2. What comes next: 19, 29, 39, 49, ____
3. Identify the rule in this pattern: 55, 50, 45, 40, ____
4. Fill in the blanks: 21, ____, 41, ____, 61
5. What is the next number in the pattern: 66, 77, 88, ____

E. Challenge yourself with these questions:

1. Write a pattern of 2-digit numbers increasing by 6
2. Complete the pattern: 18, 36, 54, ____
3. Write any 5 2-digit numbers that form a decreasing pattern
4. Find the missing numbers: 90, ___, 70, ___, 50
5. Make your own 2-digit number pattern using subtraction of 7