Number Patterns

A. Choose the correct answer:

1. What comes next in the pattern 2, 4, 6, 8,

a. 9   b. 10

c. 11   d. 12

2. Which of the following is a pattern of odd numbers

a. 1, 3, 5, 7   b. 2, 4, 6, 8

c. 3, 6, 9, 12   d. 5, 10, 15, 20

3. What comes next in the pattern 100, 90, 80,

a. 60   b. 70

c. 50   d. 100

4. The pattern 5, 10, 15, 20 is increasing by

a. 2   b. 5

c. 10   d. 1

5. What is the missing number in the pattern 25, 30, __, 40

a. 32   b. 35

c. 36   d. 34

B. Write the Missing Terms to Complete the Sentences:

1. The next number in the pattern 10, 20, 30, is _____

2. 50, 45, 40, 35 shows a pattern of numbers _____

3. 2, 4, 6, 8 is a pattern of numbers increasing by _____

4. The next two numbers in the pattern 3, 6, 9, are and _____

5. In a number pattern, we look for a _____

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

1. The pattern 1, 3, 5, 7 is increasing by 2   _____

2. The pattern 100, 90, 80 is increasing   _____

3. A pattern can go up or down   _____

4. All patterns must increase _____

5. The pattern 4, 8, 12, 16 is made by adding 4 _____

D. Figure out the answers to these questions:

1. Complete the pattern 5, 10, 15, 20,....

2. Look at the pattern 100, 90, 80, 70 and continue with two more numbers.

3. Write a number pattern that increases by 3.

4. Write a number pattern that decreases by 2 starting from 20.

E. Challenge yourself with these questions:

1. Write your own number pattern that increases by 4.

2. Fill in the blanks in the pattern 60, __, 40, __, 20.

3. Create a number pattern using subtraction of 5 starting from 50.

4. Look at the pattern 1, 2, 4, 8, __ and continue.

5. Observe the pattern 3, 6, 9, 12, __ and write the next three numbers.