

## Pattern of Addition in Even Numbers

### A. Choose the correct answer:

1. What is the sum of  $2 + 4$ ?

- a) 6
- b) 8
- c) 10
- d) 12

2. What comes next in the pattern: 2, 4, 6, 8, \_\_\_\_?

- a) 10
- b) 9
- c) 12
- d) 11

3. What is the sum of first three even numbers?

- a) 10
- b) 12
- c) 14
- d) 18

4. Which of the following is a pattern formed by addition of even numbers?

- a) 1, 3, 5, 7
- b) 2, 4, 6, 8
- c) 5, 10, 15, 20
- d) 3, 6, 9, 12

5. What is the sum of  $6 + 8 + 10$ ?

- a) 22
- b) 24
- c) 26
- d) 28

### B. Write the Missing Terms to Complete the Sentences:

1.  $2 + 4 =$  \_\_\_\_\_

2.  $6 + 8 =$  \_\_\_\_\_

3.  $2 + 4 + 6 =$  \_\_\_\_\_

4.  $10 + 12 + 14 =$  \_\_\_\_\_

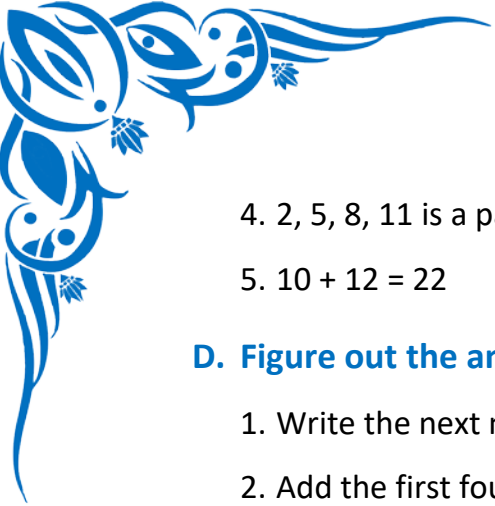
5.  $4 + 6 + 8 + 10 =$  \_\_\_\_\_

### C. Mark each sentence with a True (✓) or False (X):

1. 2, 4, 6, 8 is a pattern of even numbers \_\_\_\_\_

2.  $2 + 4 + 6 = 10$  \_\_\_\_\_

3. Every even number is divisible by 2 \_\_\_\_\_



4. 2, 5, 8, 11 is a pattern of even numbers \_\_\_\_\_

5.  $10 + 12 = 22$  \_\_\_\_\_

**D. Figure out the answers to these questions:**

1. Write the next number in the pattern: 2, 6, 12, 20, \_\_\_\_\_

2. Add the first four even numbers

3. What is the sum of 8, 10, and 12?

4. Create a pattern by adding even numbers starting from 2

5. Fill in the pattern: 2, 4, 6, \_\_\_\_\_, \_\_\_\_\_

**E. Challenge yourself with these questions:**

1. Write the sum of first 5 even numbers

2. What comes after 6, 8, 10, 12 in the pattern?

3. Add  $2\frac{1}{2} + 4\frac{1}{2} + 6$

4. Make a pattern using addition of even numbers from 2 to 20

5. Fill in the missing numbers: \_\_\_\_\_, 6, \_\_\_\_\_, 10, \_\_\_\_\_