





**D. Mark each sentence with a True (✓) or False (X):**

1. In factorization, the common monomial factor must divide all terms exactly. \_\_\_\_\_
2. Factorizing  $6x^2 + 9x$  gives  $3x(2x + 3)$ . \_\_\_\_\_
3. In  $10a^2b - 15ab^2$ , the common factor is  $5ab$ . \_\_\_\_\_
4. Factorization by taking common monomial factor simplifies the expression. \_\_\_\_\_
5. After factorization, the number of terms inside the bracket always reduces to one. \_\_\_\_\_

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

1. Factorize  $5x^2y - 10xy^2$
2. Factorize  $18p^2q + 12pq^2$
3. Find the common monomial factor and factorize  $24m^2n - 36mn^2$
4. Factorize  $21ab + 14ac$
5. Factorize  $12xy^2 + 16x^2y$