# Like and Unlike Terms

1. **Fill in the Blanks:**

   a. In the expression 3x + 2y - 4x, '3x' and '4x' are _____ terms.

   b. The expression $5a^2b - 2ab^2 + 3ab$ contains _____ terms.

   c. In the expression $7x^2 - 2y^2 - 3x^2 + 5y^2$, '$7x^2$' and '$3x^2$' are _____ terms.

   d. The expression 4p - 2q + 5r - 7p has _____ unlike terms.

   e. '6x' and '9y' in the expression 6x - 9y + 2x - 7 are _____ terms.

2. **True or False:**

   a. In the expression 3x + 2y - 4x, '3x' and '-4x' are like terms.

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   b. The expression $5a^2b - 2ab^2 + 3ab$ contains only unlike terms.

   c. The expression 4p - 2q + 5r - 7p has more like terms than unlike terms.

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3. **Match the following:-**

| Column A | Column B |
|----------|----------|
| i.   3x and 2x | A.   like terms |
| ii.  4y and 7y | B.   unlike terms |
| iii. 5x and 5y | C.   unlike terms |
| iv.  2a and 2b | D.   like terms |
| V.   3c and $3c^2$ | E.   unlike terms |