

**Mahesh Public School**

**Class 7**

**Algebraic Expressions**

**Worksheet with Answers - 3**

Below is addition and subtraction practice of Algebraic Expressions with answers:

1.  $xy + yz + zx, 9zx + 7yz + 3yx$

Write the like terms one below the other,

$$\begin{array}{r} xy + yz + zx \\ + 3yx + 7yz + 9zx \\ \hline 4xy + 8yz + 10zx \end{array}$$

2.  $2x + 3y, 6x - 2y, -4x + 12y - z$

Write the like terms one below the other,

$$\begin{array}{r} 2x + 3y \\ + 6x - 2y \\ + -4x + 12y - z \\ \hline 4x + 13y - z \end{array}$$

3.  $a^2b + b^2c + c^2a, 10ac^2 + 2ba^2 - 16db^2$

Write the like terms one below the other,

$$\begin{array}{r} a^2b + b^2c + c^2a \\ + 2a^2b - 16b^2c + 10c^2a \\ \hline 3a^2b - 15b^2c + 11c^2a \end{array}$$

4.  $15mn - 6ab + 7abc, abc - 8nm + 20ba$

Write the like terms one below the other,

$$\begin{array}{r} 15mn - 6ab + 7abc \\ + -8mn + 20ab + abc \\ \hline 7mn + 14ab + 8abc \end{array}$$