

**Algebraic Expressions and Identities: Worksheet -4**

1. Subtract:

i)  $2x^3 - 4x^2 + 3x + 5$  from  $4x^3 + x^2 + x + 6$

ii)  $\frac{2}{3}y^3 - \frac{2}{7}y^2 - 5$  from  $\frac{1}{3}y^3 + \frac{5}{7}y^2 + y - 2$

iii)  $\frac{3}{2}x - \frac{5}{4}y - \frac{7}{2}z$  from  $\frac{2}{3}x + \frac{3}{2}y - \frac{4}{3}z$

iv)  $x^2y - \frac{4}{5}xy^2 + \frac{4}{3}xy$  from  $\frac{2}{3}x^2y + \frac{3}{2}xy^2 - \frac{1}{3}xy$

v)  $\frac{ab}{7} - \frac{35}{3}bc + \frac{6}{5}ac$  from  $\frac{3}{5}bc - \frac{4}{5}ac$

