

Q.1 Find the product of the following pairs of monomials :

(i) $4, 7p$

(ii) $4p^3, -3p$

(iii) $4a, 0$

(iv) $7x, 8y$

(v) $4x^2, 3z$

(vi) $7y, 4z^2, x$

Q.2 Simplify the expressions :

(i) $(x + 2)(2x - 3)$

(ii) $4y(2z + 4x - 3y - 7)$

(iii) $(3y - 3)(2y - 7)$

(iv) $(4y + x)(2x - 3y + 9)$

(v) $(7 - 3x - 4x^2)(2x^2 - 9x + 10)$

Q.3 Add

(i) $5m(3 - m)$ and $6m^2 - 13$

(ii) $4y(3y^2 + 5y - 7)$ and $2(y^3 - 4y^2 + 5)$

(iii) $(x + 2)(x + 3)$ and $(x + 2)(x^2 + 3x - 4)$