13/11/25

Class - 8th

M.M - 10

classmate

Date

Page 15

Q.1 Subtract $(-2y^2 + \frac{1}{2}y - 3)$ from $7y^2 - 2y + 10$.

$9y^2 - \frac{5}{2}y + 13$

Q.2 Find the product

$(3x^2 - 4xy)(3x^2 - 3xy)$ $\quad 9x^4 - 21x^3y + 12x^2y^2$

Q.3 Simplify:

$4ab(a-b) - 6a^2(b-b^2) - 3b^2(2a^2 - a) + 2ab(b-a)$

$-4a^2b + ab^2$

Q.4 Find the product of $-3y(xy + y^2)$ and find the value for $x = 4$ and $y = 5$

$-3y^2x - 3y^3$ and -675

Q.5 Simplify: $\left(\frac{2}{3}m + \frac{3}{2}n\right)^2 = \frac{4}{9}m^2 + \frac{9}{4}n^2 + 2mn$