



Weekend Worksheet – 2014-15

MATMATICS

Class ▶ VIII Section ▶

Date ▶ 11.07.14

Name ▶

Roll No. ▶

1. What must be subtracted from $-9x^3y + 3xy^2 + 4x - 8y + 3$ to get $9x^3y - 8xy^2 + 3x - 2y + 6$.

2. Arrange and add: $3a^2b + 4ab^2 + 7a^2b^2 - 8ab$; $8a^2b^2 + 2ab - 2ab^2$; $5ab - 4a^2b + a^2b^2 - 6ab^2$.

3. Fill in the blanks:

a. $-8x^2y \times \underline{\hspace{2cm}} = 16x^3y^3$

b. $5p^2q^3r^2 \times \underline{\hspace{2cm}} = 0$

c. $-2abc \times -5abc = \underline{\hspace{2cm}}$

4. Multiply and fill in the blanks

a. $5pq(p^2 + q^2 + pq) = \underline{\hspace{4cm}}$

b. $-7pr(pq - qr - rq) = \underline{\hspace{4cm}}$

c. $(4x - 3y)(5x - 4a) = \underline{\hspace{4cm}}$

5. The length and breadth of a rectangle are $(3a - 4b)$ cms and $(5b + 2a)$ cms. Find its area and perimeter.