



## 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.