

**Algebra: Worksheet -3**

1. The additive inverse of  $a - b - c$  is: \_\_\_\_\_
2. The additive inverse of  $2x - 3y + 4z$  is: \_\_\_\_\_
3. If  $A = 2x^3 - 3x^2 - 5x + 1$ , then  $-A =$  \_\_\_\_\_
4. The value of  $4x + 2$  when  $x = 2$  is \_\_\_\_\_
5. If  $a = 2$ ;  $b = -1$  ; the value of  $a^2 + 2ab + b^2$  is \_\_\_\_\_
6. The sum of  $5x$ ,  $7x$  and  $-8x$  is \_\_\_\_\_
7. The degree of  $6x^5$  is \_\_\_\_\_
8. The degree of  $5x^2y^3z^4$  is \_\_\_\_\_
9. The simplified form of  $-2 + x^2 - 5x + 3x^2 - 7x + 6$  is \_\_\_\_\_
10. The degree of the monomial  $6xyz$  is \_\_\_\_\_

