

# Binomial Theorem Worksheet 1

Expand the following (1 to 9):

1.  $(2x + 4y)^3$

2.  $(4x + 3y)^6$

3.  $(8x + 4y)^2$

4.  $(5x + 2y)^3$

5.  $(x + 3y)^2$

6.  $(2a + b)^5$

7.  $(1 - x + x^2)^8$

8.  $[x + (1/x)]^7$

9.  $(9x - 5)^4$

10. Evaluate:  $(96)^4$