

Worksheet 29 - Lesson 77

Date _____ Period _____

Expand completely.

1) $(x + 2)^7$

2) $(2 - x)^5$

3) $(b - a)^5$

4) $(2x^4 - 1)^4$

Find each term described.

5) 4th term in expansion of $(3m - 1)^5$

6) 7th term in expansion of $(2y^4 + 1)^6$

7) 4th term in expansion of $(x + 2y)^6$

8) 4th term in expansion of $(3 + y)^4$

Find each coefficient described.

9) Coefficient of y^9x^{12} in expansion of $(y^3 + 2x^4)^6$

10) Coefficient of b^2 in expansion of $(b + 2)^4$

11) Coefficient of x^2y^2 in expansion of $(3x - y)^4$

12) Coefficient of x^{16} in expansion of $(1 - 2x^4)^7$