Name_____

2.2 Biomial Theorem Day 2

Find each term described.

1) x^5 term in expansion of $(3x - 1)^{12}$

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

3) x^3 term in expansion of $(2x - 2)^7$

4) x^6 term in expansion of $(x - 2)^{13}$

5) x^2 term in expansion of $(4x + y)^{12}$

6) x^4 term in expansion of $(2x - 1)^5$

7) x^8 term in expansion of $(3x - 1)^{13}$

8) x^3 term in expansion of $(x - 2)^5$

9) x^4 term in expansion of $(x + y)^5$

10) x^4 term in expansion of $(2x + 1)^{10}$

Expand completely.

11) $(b + 2)^4$

12) $(x - 2y)^6$

13) $(b + a)^4$

14) $(y + 3)^3$

15) $(2a - 1)^6$

16) $(y - 2)^6$

17) $(y + x)^3$