

11.4 Binomial Theorem

Expand completely.

1) $(u + v)^3$

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

3) $(3y + 1)^3$

4) $(2y + x)^7$

5) $(3b - 1)^4$

6) $(2y + 1)^5$

Find each term described.

7) 3rd term in expansion of $(4y + 1)^3$

8) 5th term in expansion of $(3m - n)^4$

9) 3rd term in expansion of $(4 + m)^3$

10) 2nd term in expansion of $(4y - 1)^3$

11) 5th term in expansion of $(x - y)^4$

12) 2nd term in expansion of $(v + 4u)^3$

13) 3rd term in expansion of $(x + y)^4$

14) 2nd term in expansion of $(y - 2)^4$