

Binomial Expansion WS#1

Find the term being asked for. Show your work.

1) 6th term in expansion of $(x + 3)^5$

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

3) 5th term in expansion of $(y + 2)^5$

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

5) 6th term in expansion of $(x + 2)^6$

6) 2nd term in expansion of $(2y - 1)^6$

7) 5th term in expansion of $(2 + y)^6$

8) 3rd term in expansion of $(1 + 3n)^4$

9) 5th term in expansion of $(y - 2)^6$

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

11) 6th term in expansion of $(2y + 1)^5$

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

Expand completely.

13) $(3y - 1)^4$

14) $(4x + 1)^4$

15) $(2 - b)^5$

16) $(2b + 1)^5$

17) $(2y + 1)^6$

18) $(x - 3)^5$

19) $(3 - m)^5$

20) $(x + 4)^4$

21) $(v - 4)^4$

22) $(2a - 1)^6$

23) $(4 - y)^4$

24) $(u - 5)^3$