



The Binomial Theorem

Expand each binomial.

1. $(r + 3)^5$

2. $(3a - b)^4$

3. $(x - 5)^4$

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

5. $(a - \sqrt{2})^5$

6. $(2p - 3q)^6$

Find the designated term of each binomial expansion.

7. 4th term of $(2n - 3m)^4$

8. 5th term of $(4a + 2b)^8$

9. 6th term of $(3p + q)^9$

10. 3rd term of $(a - 2\sqrt{3})^6$