



Binomial Theorem - Polynomial with Integer and Power to Binomial Notation and Value

1

Find the term containing y^3 in the expansion of this expression.

$$(y - 2)^5$$

A	B
$\binom{5}{2} y^3 \cdot 4$	$\binom{5}{3} y^2 \cdot -8$

2

Find the term containing t^4 in the expansion of this expression.

$$(t + 3)^5$$

A	B
$\binom{5}{2} t^3 \cdot 9$	$\binom{5}{1} t^4 \cdot 3$

3

Find the term containing m^1 in the expansion of this expression.

$$(m - 2)^3$$

A	B
$\binom{3}{2} m^1 \cdot 4$	$\binom{3}{3} m^0 \cdot -8$

4

Find the term containing n^1 in the expansion of this expression.

$$(n + 3)^3$$

A	B	C
$\binom{3}{2} n^1 \cdot 6$	$\binom{3}{3} n^0 \cdot 27$	$\binom{3}{2} n^1 \cdot 9$

5

Find the term containing q^1 in the expansion of this expression.

$$(q - 2)^4$$

A	B	C
$\binom{4}{4} q^0 \cdot 16$	$\binom{4}{3} q^1 \cdot -6$	$\binom{4}{3} q^1 \cdot -8$

6

Find the term containing n^3 in the expansion of this expression.

$$(n - 3)^4$$

A	B
$\binom{4}{1} n^3 \cdot -3$	$\binom{4}{2} n^2 \cdot 9$

7

Find the term containing m^1 in the expansion of this expression.

$$(m + 3)^5$$

A	B	C
$\binom{5}{4} m^1 \cdot 81$	$\binom{5}{4} m^1 \cdot 12$	$\binom{5}{5} m^0 \cdot 243$

8

Find the term containing n^2 in the expansion of this expression.

$$(n + 2)^5$$

A	B	C
$\binom{5}{3} n^2 \cdot 8$	$\binom{5}{3} n^2 \cdot 6$	$\binom{5}{4} n^1 \cdot 16$