



Binomial Theorem - Polynomial with Integer and Power to Value

1 Find the term containing $q^{\{1\}}$ in the expansion of this expression.

A	B	C
108	-36	-108

$$(q - 3)^4$$

D
81

2 Find the term containing $n^{\{4\}}$ in the expansion of this expression.

A	B	C
-10	10	40

$$(n - 2)^5$$

3 Find the term containing $r^{\{1\}}$ in the expansion of this expression.

A	B	C
27	-18	-27

$$(r - 3)^3$$

4 Find the term containing $w^{\{2\}}$ in the expansion of this expression.

A	B	C
405	-90	-270

$$(w - 3)^5$$

D
270

5 Find the term containing $q^{\{1\}}$ in the expansion of this expression.

A	B	C
243	60	405

$$(q + 3)^5$$

6 Find the term containing $z^{\{2\}}$ in the expansion of this expression.

A	B	C
-6	12	6

$$(z - 2)^3$$

7 Find the term containing $x^{\{3\}}$ in the expansion of this expression.

$$(x + 2)^4$$

A	B	C
-8	24	8

8 Find the term containing $z^{\{2\}}$ in the expansion of this expression.

A	B	C
108	36	54

$$(z + 3)^4$$