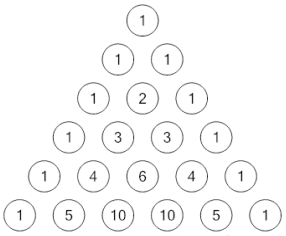
Name

Binomial Theorem - Polynomial with Integer and Triangle to Expanded Polynomial

1 Use Pascal's triangle to fully expand this expression.



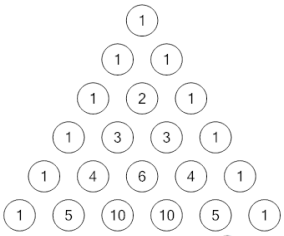
$(w+2)^2$

A $4w+4$

B w^2+2w

C w^2+4w+4

2 Use Pascal's triangle to fully expand this expression.



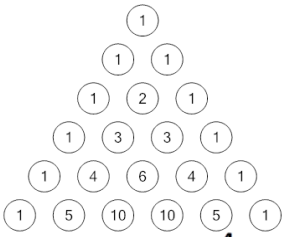
$(m-3)^3$

A $-9m^2-18m-9$

B m^3-6m^2+9m

C $m^3-9m^2+27m-27$

3 Use Pascal's triangle to fully expand this expression.



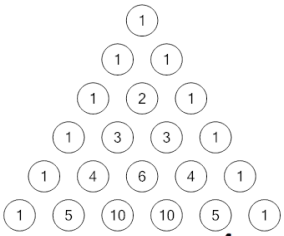
$(z-3)^4$

A $-12z^3-36z^2-36z-12$

B $z^4-9z^3+27z^2-27z$

C $z^4-12z^3+54z^2-108z+81$

4 Use Pascal's triangle to fully expand this expression.



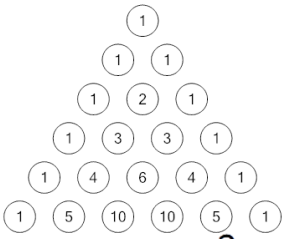
$(x-2)^4$

A $x^4-8x^3+24x^2-32x+16$

B $-8x^3-24x^2-24x-8$

C $x^4-6x^3+12x^2-8x$

5 Use Pascal's triangle to fully expand this expression.



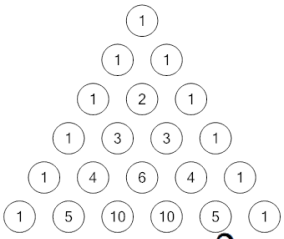
$(t+2)^3$

A $6t^2+12t+6$

B t^3+4t^2+4t

C $t^3+6t^2+12t+8$

6 Use Pascal's triangle to fully expand this expression.



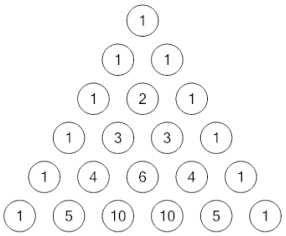
$(r-2)^2$

A r^2-2r

B r^2-4r+4

C $-4r-4$

7 Use Pascal's triangle to fully expand this expression.



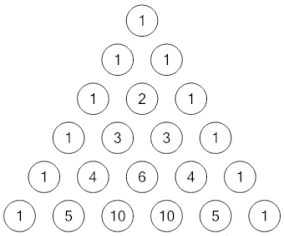
$(m+3)^2$

A $6m+6$

B m^2+3m

C m^2+6m+9

8 Use Pascal's triangle to fully expand this expression.



$(m-3)^2$

A m^2-3m

B $-6m-6$

C m^2-6m+9