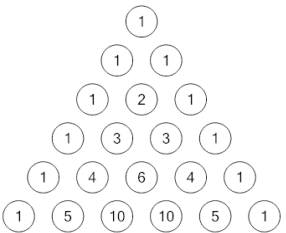
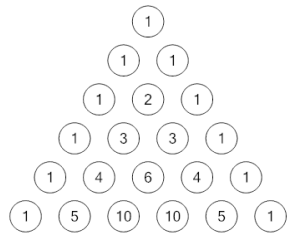
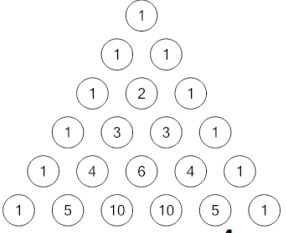
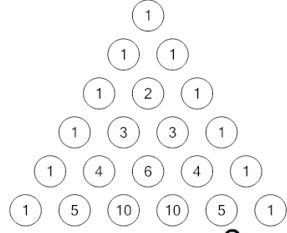
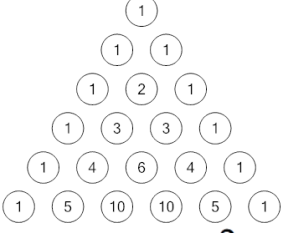
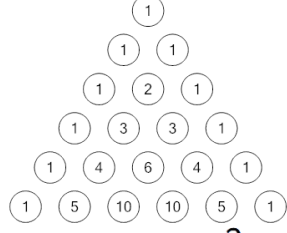
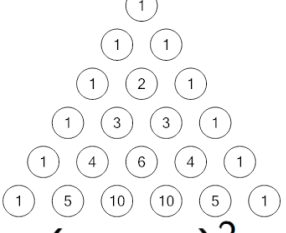
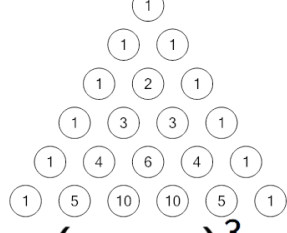


Binomial Theorem - Polynomial with Variable and Triangle to Expanded

Polynomial

<p>1 Use Pascal's triangle to expand this expression.</p>  <p>$(n + x)^3$</p>	<p>2 Use Pascal's triangle to expand this expression.</p> <p>B $n^3 + 3nx^2 + 3n^2x + x^3$</p> <p>C $n^3 + 2n^2x + nx^2$</p> <p>D $n^3 + 4n^2x + 6nx^2 + 4x^3$</p>	<p>Use Pascal's triangle to expand this expression.</p>  <p>$(q + z)^2$</p>	<p>A $q^2 + 2qz + z^2$</p> <p>B $q^2 + qz$</p> <p>C $z^2 + 2qz + q^2$</p> <p>D $q^2 + 3qz + 3z^2$</p>
<p>3 Use Pascal's triangle to expand this expression.</p>  <p>$(z + r)^4$</p>	<p>A $z^4 + 4z^3r + 6z^2r^2 + 4zr^3 + r^4$</p> <p>B $z^4 + 5z^3r + 10z^2r^2 + 10zr^3 + 5r^4$</p> <p>C $z^4 + 3z^3r + 3z^2r^2 + zr^3$</p> <p>D $r^4 + 4zr^3 + 6z^2r^2 + 4z^3r + z^4$</p>	<p>4 Use Pascal's triangle to expand this expression.</p>  <p>$(q + r)^3$</p>	<p>A $q^3 + 3q^2r + 3qr^2 + r^3$</p> <p>B $q^3 + 4q^2r + 6qr^2 + 4r^3$</p> <p>C $q^3 + 2q^2r + qr^2$</p> <p>D $r^3 + 3qr^2 + 3q^2r + q^3$</p>
<p>5 Use Pascal's triangle to expand this expression.</p>  <p>$(n + w)^2$</p>	<p>A $n^2 + 3nw + 3w^2$</p> <p>B $n^2 + nw$</p> <p>C $w^2 + 2nw + n^2$</p> <p>D $n^2 + 2nw + w^2$</p>	<p>6 Use Pascal's triangle to expand this expression.</p>  <p>$(w + r)^3$</p>	<p>A $r^3 + 3wr^2 + 3w^2r + w^3$</p> <p>B $w^3 + 3w^2r + 3wr^2 + r^3$</p> <p>C $w^3 + 2w^2r + wr^2$</p> <p>D $w^3 + 4w^2r + 6wr^2 + 4r^3$</p>
<p>7 Use Pascal's triangle to expand this expression.</p>  <p>$(x + p)^2$</p>	<p>A $p^2 + 2xp + x^2$</p> <p>B $x^2 + xp$</p> <p>C $x^2 + 3xp + 3p^2$</p> <p>D $x^2 + 2xp + p^2$</p>	<p>8 Use Pascal's triangle to expand this expression.</p>  <p>$(x + t)^3$</p>	<p>A $x^3 + 2x^2t + xt^2$</p> <p>B $x^3 + 4x^2t + 6xt^2 + 4t^3$</p> <p>C $t^3 + 3xt^2 + 3x^2t + x^3$</p> <p>D $x^3 + 3x^2t + 3xt^2 + t^3$</p>