$$u_n = u_p \cdot q^{(n-p)} \qquad n \geqslant p$$

$$S = u_p \cdot \frac{1 - q^{(n-p+1)}}{1 - q}$$

$$S = u_0 \cdot \frac{1 - q^{(n+1)}}{1 - q}$$

$$u_n = u_o + n \cdot r$$

$$S = \frac{(n+1) \cdot (u_0 + u_n)}{2}$$

$$u_n = u_o \cdot q^n$$

$$u_n = u_p + (n-p) \cdot r$$

$$S = \frac{(n-p+1) \cdot (u_p + u_n)}{2}$$