sequences. - general term $a_n = 3n - n + 1$ gives an explicit way
to find every term. - some segueres are defind recursively. - some segues don't have a general term. Conway seg. ex, 1, 11, 21, 1211, Main two types: (a line) seguent $*a_n = 3(n-1)+2$ (2) geometric segmente (an exponential) $| |_{n} = 2 \left(\frac{1}{2}\right)^{n-1}$ an=a1+d(n-1). gometric n-1 9=9,(r)

Services
$$\frac{\sqrt{\frac{2n}{2}}}{\sqrt{\frac{1}{2}}} = 3\left(\frac{1}{4}\right) + 3\left(\frac{1}{16}\right) + 3\left(\frac{1}{16}\right) + 3\left(\frac{1}{16}\right) + 3\left(\frac{1}{26}\right)$$

$$\frac{\sqrt{\frac{2n}{2}}}{\sqrt{\frac{2n}{2}}} = 3\left(\frac{1-r}{r}\right) + 3\left(\frac{1}{16}\right) + 3\left(\frac{1}{26}\right)$$

$$\frac{\sqrt{\frac{2n}{2}}}{\sqrt{\frac{2n}{2}}} = 3\left(\frac{1-r}{r}\right)$$

$$\frac{\sqrt{\frac{2n}{2}}}{\sqrt{\frac{2n}{2}}} = 3\left($$