$$A_{1} = 100 \quad A_{2} = 110 \quad A_{3} = 121 \quad A_{4} = 133.1 \quad A_{5} = 146.41$$

$$A_{1} = A_{1} \cdot 1.1$$

$$A_{n} = b_{n-1} + b_{n-2} + b_{n-3}$$
 $n = 4$

$$T_{n} = 26^{n} = B_{n} + 6n$$

$$2 u u u y s + 0 s e t + 0 g o o d$$

$$T_{n} = 26 \quad B_{n} = 1 \quad 6_{n} = 25$$

$$6n = 26 \cdot (6n - 1) + (9n - 1)$$

$$T_{n-1} = 26^{n-1} = B_{n-1} + 6n - 1$$

$$\left(26^{n-1} - 6n - 1\right) = B_{n-1} \quad \rightarrow \quad 6n = 26 \cdot (6n - 1) + \left(26^{n-1} - 6n - 1\right)$$

$$6n = 24 \cdot 6n - 1 + 26^{n-1}$$

$$5^{n}a_{0} + 3(1....5^{n}) = 5^{n}3 + 3(\frac{5^{n}-1}{5-1})$$

$$= 3.5^{n} + 3 \ln 5^{n}$$

$$= 9 \ln 5^{n} + 3 \ln 6$$