

Solve for recurrence equations in terms of n :

$$1. \begin{cases} T(n) = T(n - 1) + 5 \\ T(1) = 3 \end{cases}$$

$$2. \begin{cases} T(n) = 2T(n - 1) + 3 \\ T(0) = 3 \end{cases}$$

$$3. \begin{cases} T(n) = T(n - 1) + n \\ T(1) = 10 \end{cases}$$