el Using the master method for a= 3 b=2 and fin = ain1 ue yet fint= \(\text{O}\left(n'\text{of} \text{2.6}\) for \(\text{Ex 2.6}\) this we are in case one of the theorem so T(n)= 2 (n'0823) which is the same result we yout in point d!

d) we have $T(n) = 3T(n)z) + \partial(n)$, for simplicity write $\theta(n)$ as con, then we have

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} cn$$

$$\frac{1}{2} cn$$