2) forw or junctures augeovoes ownerwoers
$$f, g, \not\in Tot$$
 with $f(n) = O(g(n))$. Lower $2^{f(n)} = O(2^{g(n)})$;

a) Now the unide f, g

B) Note, the onordinate f, g

I) Undrotes unide f, g

When the openion f

B) No, the unide f, g

He openions period g

The openiod g

The

1) Manoies poès vou, manoies popés oxi esaptatan ano tis f, 9 Euro. 61, Na, you made f, 9, He aprovistins peropo n. Form or Eivar aga 3c, no s.7 2 (m) free no = n. $2^{f(n)} < (\cdot 2) =$

Forw or Eival, are
$$\exists c, n_0 \leq .7$$
 $2^{(n)} \leq c \cdot 2^{(n)}$ yiel $n_0 \leq n$.

$$2^{f(n)} \leq c \cdot 2 = 1$$

$$2^{f(n)} \leq c \cdot 2 \leq c$$

Tia f(n) < g(n) n 2 ** uou reiver oro 0

atom, uagus C70 (ia f(n) > 3(n) n 2 f(n) 1 apa 10xue1.