s=f(w(5-12)) Fixed points: b= = 10 The d (ex) = (ex 1)2 max is at x=0 where $f(0)=\frac{1}{4}$ We need to find We such that flw*(5-1)=1 at 5= 1 Since \$1(0)== 4 and get in the max of the derivative, we want W*(4)=1, so naturally [W*=4] W=4 -16) infinite solutions/fixed pain close to 5=1 I fixed point WL4 3 fixed points **f**(s)

(.) a.)

Fixed points at
$$0 = -5 + f(2s-1)$$

 $5 = f(26-1)$
 $5 = -\frac{1}{2}$
 $f'(\frac{1}{2}) = 0.5 \rightarrow stable$

Fixed points at
$$S = f(64-3)$$

$$S = \frac{e^{(05+3)}}{(1+e^{(05-3)})}$$