

## (F) Transition(al) Numbers (1/1)

- F1.** a. f 1 q 0  
b. i 2 r S c 0  
c. o 2 r S h 0  
d. n 1 q 0

- F2.** a. No  
b. Yes  
c. No  
d. Yes  
e. Yes  
f. No  
g. No

- F3.** *Solution (1)*  
Change rule [h] as follows S : eight -> 0  
And add new rule S: eigh -> 1,2

*Solution (2)*  
Add new rule: S: eigh -> 1, 2, 3  
Add a second new rule: 3: t -> 0

There may be other (less elegant) solutions

