Cycle Notation  
Sps of maps  

$$x + 2 + 3 + 5 + 6 + 7$$
  
 $4 + 4 + 3 + 4 + 4$   
 $a(x) = 3 + 7 + 5 + 2$   
Denote this in (dispired) cycle notation by:  
 $(1 + 6)(2 + 3 + 7) = 5 + 2$   
 $1 + 6)(2 + 3 + 7) = 5 + 2$   
 $1 + 6)(2 + 3 + 7) = 5 + 2$   
 $1 + 6)(2 + 3 + 7) = 5 + 2$   
 $1 + 6)(2 + 3 + 7) = 5 + 2$   
 $1 + 6)(2 + 3 + 7) = (1 + 6)(2 + 3 + 7)(5)$   
 $(1 + 6)(2 + 7) = (1 + 6)(2 + 3 + 7)(5)$   
 $(1 + 6)(2 + 7) = (1 + 6)(2 + 3 + 7)(5)$   
 $(1 + 6)(2 + 7) = (1 + 6)(2 + 3 + 7)(5)$   
 $(1 + 6)(2 + 7) = (1 + 6)(2 + 3 + 7)(5)$ 

Have to keep track of which 
$$S_n$$
 yen are considering.  
\*\*\* Exception:  $\varepsilon = (1) = (2) = (3) \circ etc.$   
3.  $(253) = (532) = (325) \int_{3}^{2} \int_{3}^{2$