6

XOR LL Properties
$(\oplus)$

1. $A \oplus B = B \oplus A$
2. $A \oplus (B \oplus C) = (A \oplus B) \oplus C$
3. $A \oplus 0 = A$
4. $A \oplus A = 0$

So if both $= (\text{prev} \oplus \text{next})$

$$\text{next} = \text{both} \oplus \text{prev}$$

$$\text{prev} = \text{both} \oplus \text{next}$$

prev
↓

cur
↓