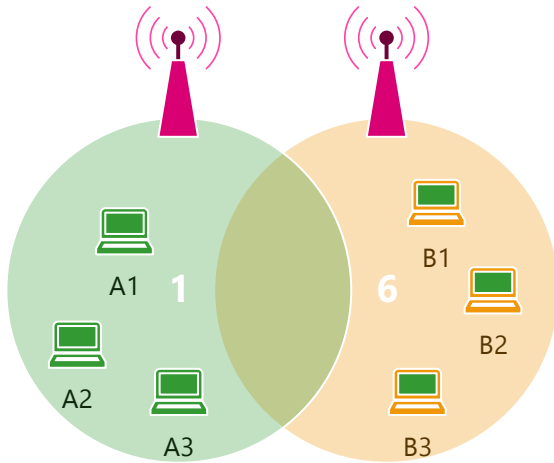


## 2 adjacent APs using 2 different channels – Ideal situation

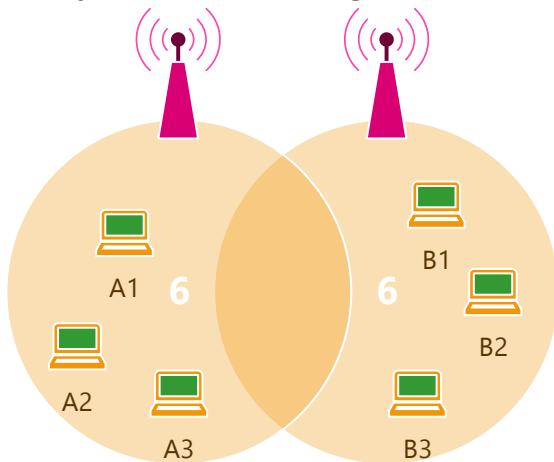


A1, A2 and A3 are sharing the airtime on channel 1



B1, B2 and B3 are sharing the airtime on channel 6

## 2 adjacent APs using the same channel – Co-Channel Contention



A1, A2, A3, B1, B2 and B3 are all sharing the airtime on channel 6  
It's taking them twice as long to transfer data!!

**Network capacity divided by 2**