CPE 448 HW 3

```
36. Os: Ar Packet1 -> R

1s: R -> Packet1 -> B / Ar Packet2 -> R

2s: A -> P3 R -> P2 Ack1 \in B

3s: Ar P4 Ack1 \in R

4s! Ar P5 Ack2 \in R -> P4 Ack3 \in B

5s: Ar P6 Ack3 \in R -> P5 Ack4 \in B

6) Os: Ar P1, P2, P3, P4 R
```

				Queve @R
7.	Os: A = P1-4	\otimes	®	0
	1s: (A)	P2-47(R) 7 P1	3	3
	25: 🔕	P3,42(R) = P2	A16 ®	2
	35: (A)	A1 + P4>Q -> P3	AZ ER	1
	45: @ > P5	AZE BERB - PY	A3 ← B	1

b) Higher cost of retransmission, More Wasted utilization for bata that doesn't align to 8,192 packets,

- 53. If a node D' outside of node 'B's range begins Communication With 'C' at the same time + channel as 'B' transmits to 'A', then Collisions Would occur if 'C' is within B's range.
- 54. An ethernet node Sees all traffic, and can simutaneously Tx/Rx. A wireless node can only transmit or recieve at any time on a channel, and it may not be aware of all traffic on other nodes.
- 53. CJMA/CA has an ACK from receiver to sender which will force retransmission if a hidden terminal Collides with the packet. There is also CTS-RTS which alerts hidden terminals to not transmit for a while.