**Worksheet 17 - Fragmentation and Reassembly**

Suppose you want to send forward a datagram that is X B long over a network where the MTU is Y B. Assume the header size is Z B.

1. How many fragments will it take to send the entire datagram across?
2. Draw all fragments and give, total bytes in datagram, offset value and fragmentation flag of each fragment.
3. X = 3250, Y = 650, Z = 50
4. X = 1544, Y = 300, Z = 44
5. X = 814, Y = 150, Z = 14
6. X = 3235, Y = 1035, Z = 35