Kid1: 192.168.1.2

Kid2: 192.168.1.3

Kid3: 192.168.1.4

Mom: 192.168.1.5

DadCiv: 192.168.1.6

DadPriv: 192.168.1.7

Explain why when a Gaming computer attempts to send a packet to another gaming computer for the first time, there is an ARP request that happens first.

**The MAC and IP addresses of the other computer is not yet known and must be obtained through the ARP request.**

What is the Destination MAC Address when the host initializes the ARP request? What does this address signify?

**FF-FF-FF-FF-FF-FF, which means broadcast to all.**