Step 3.

A close up of text on a white background

Description automatically generated

**Turn-in**: Hand in your drawing of the ARP exchange.

Step 4.

1. What opcode is used to indicate a request? What about a reply?

Opcode: request (1)

00 01

Opcode: reply (2)

00 02

2. How large is the ARP header for a request? What about for a reply?

Request: 28 bytes

A screenshot of a cell phone

Description automatically generated

Reply: 28 bytes

A screenshot of a cell phone

Description automatically generated

3. What value is carried on a request for the unknown target MAC address?

All 0.

A close up of a logo

Description automatically generated

4. What Ethernet Type value which indicates that ARP is the higher layer protocol?

IPv4.



5. Is the ARP reply broadcast (like the ARP request) or not?

Not.

**Turn-in**: Hand in your answers to the above questions.

Grades:

90/100

Comments:

-10 Step4 Q4: 0x0806