✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

The Data Link Layer

TOTAL POINTS 3

1. How many octets are there in a MAC address?　　　　　**1 / 1 point**

   ○ 8

   ○ 5

   ● 6

   ○ 4

   > ✓ **Correct**
   > Great work! A MAC address is a 48-bit number consisting of 6 octets.

2. What address is used for Ethernet broadcasts?　　　　　**1 / 1 point**

   ○ 00:00:00:00:00:00

   ○ FF:00:FF:00:FF:00

   ● FF:FF:FF:FF:FF:FF

   ○ 11:11:11:11:11:11

   > ✓ **Correct**
   > Excellent! The address FF:FF:FF:FF:FF:FF is used for Ethernet broadcast traffic.

3. What is a cyclical redundancy check?　　　　　**1 / 1 point**

   ○ A technique that allows for multiple logical LANs to operate on the same equipment

   ● A mathematical calculation used to ensure that all data arrived intact

   ○ The actual data being transported by an Ethernet frame

   ○ A way for two computers to synchronize their clocks

   > ✓ **Correct**
   > Yep! A cyclical redundancy check ensures that there was no data corruption.