# Congratulations! You passed!

**TO PASS** 80% or higher

Keep Learning

# The Data Link Layer

**TOTAL POINTS 3**

---

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

**1 / 1 point**

- ○ 4
- ○ 5
- ○ 8
- ● 6

✓ **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**

- ○ FF:00:FF:00:FF:00
- ○ 00:00:00:00:00:00
- ● 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**

○ The actual data being transported by an Ethernet frame

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

○ A way for two computers to synchronize their clocks

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

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