**Routing**

**TOTAL POINTS 3**

1.Question 1

Select examples of routing protocols. Check all that apply.



User Datagram Protocol

**This should not be selected**

Not quite. User Datagram Protocol, or UDP, is a transport layer protocol.



Hypertext Transfer Protocol



Border Gateway Protocol

**Correct**

Nice job! You're correct.



Routing Information Protocol

**Correct**

Nice job! You're correct.



Transmission Control Protocol

**This should not be selected**

Not quite. Transmission Control Protocol, or TCP, is a transport layer protocol.

2.Question 2

Who is permitted to use non-routable address space?

**1 / 1 point**



Anyone



It's for testing purposes only



The IETF



The IANA

**Correct**

Awesome! Anyone can use non-routable address space.

3.Question 3

A typical routing table may contain which of the following? Check all that apply.



Total hops

**Correct**

Way to go! A routing table entry needs to know how many hops away a destination network is.



TTL

**This should not be selected**

Not quite. TTL stands for Time to Live. A router needs to know what this is, but it wouldn't be found in a routing table.



Destination address

**This should not be selected**

Not quite. A routing table cares about networks, not individual addresses.



Destination network

**Correct**

You nailed it! A routing table entry has to be tied to a specific destination network.