✅ **Congratulations! You passed!**

Grade received 100%   **To pass** 100% or higher

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1. Computer networking does NOT include: **1 / 1 point**

○ Allowing multiple computer operators to share resources to eliminate redundancy.

○ Two computers that are communicating and sharing information and resources.

○ Allowing operators to achieve results that would be beyond the ability of a single machine.

◉ One device that is used mostly to solve math problems.

> ✅ **Correct**
> Computers were developed to assist with math problems but you need at least two devices to have a network.

2. At a bare minimum, to have a computer network, you need: (Choose all that apply.)   **1 / 1 point**

☑ Protocols (rules) for how the two devices will communicate.

> ✅ **Correct**
> There must be protocols (rules) for how the data will be formatted and interpreted.

☑ Hardware that can put data onto and take data off the medium.

> ✅ **Correct**
> You must have hardware that can put data onto and take data off the medium. Usually this is a Network Interface Card (NIC).

☐ Two operators to control the endpoints.

☑ A medium to transmit the data between the devices.

> ✅ **Correct**
> The medium is anything that can carry the data from one device to the other; it can be wire, radio waves, or even light.

3. The main difference between a client and a terminal is that: **1 / 1 point**

○ Clients typically are optimized to provide services to other devices, while terminals typically are optimized to performs data storage and processing tasks on behalf of clients and other network devices.

◉ The client computer has its own resources and can perform its own tasks and processing, whereas terminals have no processor or memory of their own.

○ Terminals typically are optimized to provide services to other devices, while clients typically are optimized to performs data storage and processing tasks on behalf of clients and other network devices.

○ A terminal has its own resources and can perform its own tasks and processing, whereas clients have no processor or memory of their own.

> ✅ **Correct**
> Clients have their own resources and can perform their own tasks and processing.Terminals are specialized device on a host-based network that transmits data a user enters to a host for processing and displays the results. They have no processor or memory of their own.