

Addressing on the Internet

Name \_\_\_\_\_

Core functionality of the internet is to send information. Lets find out how information – digital information (1s and 0s remember?) – gets from point a to point b.

watch: <https://codehs.com/editor/videoplayer/164584/428952/851/400>  
and take notes:

What 3 things must be true of each internet address?

- 1.
- 2.
- 3.

What is the address format that a computer (or any computing device) must have to have a connection to the Internet?

Define IP –

Write an example IP address here:

What is the hierarchy of the 4 numbers that make up an IP address?

Why is the IP address idea scalable?

How is the IP address represented digitally?

why did the internet need an IP v6 (or version 6) ?

How is IPv6 different than IPv4?

What does an IPv6 address look like?

Who decides the protocols? to take care of evolution of the net?