

## Packets and Protocols

Watch this video and take notes for the following questions:

<http://codehs.com/editor/videoplayer/165739/428952/851/400>

Write the definition for packets:

What is metadata for a packet?

Look up the definition for metadata:

What determines the layout of a packet?

What three things must every packet have according to IP?

- 1.
- 2
- 3.

Multiple packets? What protocol controls the sending of multiple packets since most things being sent over the internet require much more than 1 little packet? Give its definition as well.

TCP –

definition:

What is added to the meta data under the TCP?

What structure does data inside the packets look like? What protocol is used for web resources? HTTP. Give the definition for HTTP including what the acronym stands for:

HTTP stands for

Define:

What does HTML stand for?

So really HTTP defines how computer request and receive HyperText information. An HTTP request is sent and responded to by a HTTP response.

SO TCP?IP, DNS, Routing all work together to send packets over the internet, AND HTTP makes sure the information inside the packets can be understood.

List the steps to view a webpage (use the numbers the video uses)

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.