Packetization Examples

Instructions: For each example below, break down the message into smaller packets. Fill in the table with the packet number, packet content, and any necessary header information.

## Example 1: Email

Message: "Hi, I hope you're doing well. Just wanted to remind you about our meeting tomorrow at 2 pm. See you then!"

| **Packet Number** | **Packet Content** | **Header Information** |
| --- | --- | --- |
| 1 | "Hi, I hope | Source: Sender's |

## Example 2: Video File

Message: A video file with a size of 100 MB.

| **Packet Number** | **Packet Content** | **Header Information** |
| --- | --- | --- |
| 1 | First part of | Source: Sender's |
| 2 | Second part of | Source: Sender's |
| ... | ... | ... |
| n | Last part of | Source: Sender's |

## Example 3: Web Page

Message: HTML code for a web page.

| **Packet Number** | **Packet Content** | **Header Information** |
| --- | --- | --- |
| 1 |  | Source: Sender's |

# Activity: Packetization Discussion

**Instructions**: Work with a partner or in a small group to discuss the following questions about packetization.

1. Why is packetization important in network communication?

2. What information is typically included in a packet header?

3. What are the advantages of packetization?

4. Can you think of any disadvantages or challenges associated with packetization?