

# Understanding Extinction

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

## PART I

In the spaces below, write an explanation that answers the question, "What are three factors that have caused Sumatran rhinos to be at risk of extinction?"

For each factor, include:

**Claim (WHAT):** A clear answer to the question; usually one sentence.

**Evidence (HOW):** Information from the video or map that supports your claim. Write a sentence and draw a picture of what you observed/heard.

**Reasoning (WHY):** Your connection about why the information supports the claim. This should include logic about why that particular piece of evidence is essential to the Sumatran rhino's decline in numbers and struggle to survive.

<b>CLAIM:</b> <i>Sumatran rhinos are at risk of extinction because...</i>	<b>EVIDENCE:</b> <i>I read on the map/saw in the video that...</i>	<b>REASONING:</b> <i>This evidence supports my claim because...</i>

**Thinking ahead:** What specific action might humans take that would push back on one of these challenges and help the Sumatran rhino increase its population?

## PART II

Leave this side blank until prompted by your teacher.

Using the claims that you wrote during Part I, write about how each factor is connected through a cause-effect relationship to both the biodiversity of the ecosystem and the ecosystem service(s) it provides.

Factor leading to Sumatran rhino's decline	Connection to biodiversity	Connection to ecosystem services

Describe a connection between the Sumatran rhino's survival and the ecosystem services provided by the local ecosystem.

How does the possible extinction of the Sumatran rhino connect to the biodiversity of its ecosystem?