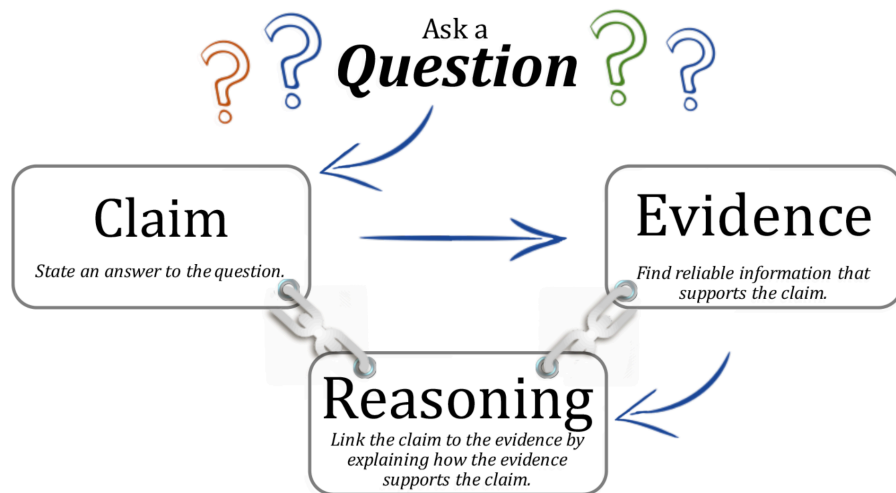Name: _____

Carbon Hoofprints: Claim, Evidence and Reasoning

Directions: Follow the Claim, Evidence, and Reasoning model below as you analyze cows, methane production, and the climate.

Ask a
Question

Claim
State an answer to the question.

Evidence
Find reliable information that supports the claim.

Reasoning
Link the claim to the evidence by explaining how the evidence supports the claim.

Question:
Claim: *State an answer to your question.*
Evidence: *Relevant observations and reliable information that support your claim.*
Reasoning: *Link the claim to the evidence by explaining <u>how</u> the evidence supports the claim.*

Use science to respond to the following statements about cattle and climate change:

"Cattle produce more greenhouse gases than the transportation sector…"

"Cattle have negative impacts on the environment…"

"Participating in 'Meatless Mondays' will make a big impact to help save our planet…"

"Feeding cattle to produce meat is a waste of resources. We should be growing food for humans…"

"It's easy to eliminate meat from our diet and still receive adequate nutrition from other foods…"