

**WORKSHEET 6.2**  
**Life or Death Food Chain Decision**

**The Question**

A small group of people are stranded on a barren desert island. They have 500 bushels of wheat and one cow. What should they do to survive for the greatest length of time?

- A. Eat the cow and then eat the wheat.
- B. Drink the cow's milk, eat the cow, and then eat the wheat.
- C. Don't feed the cow, drink the cow's milk, eat the cow when milk production ceases, and then eat the wheat.
- D. Feed the wheat to the cow and drink the milk.
- E. Feed the wheat to the cow, drink the milk, and then eat the cow.
- F. Eat the wheat and then eat the cow.

1. First, think about the question by yourself. Which answers do you think are the best ones? Which one makes the most sense? Why?

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2. When your teacher indicates, get into a discussion group and exchange/debate ideas on the question. Try to rank the responses from best to worst. Your group will be called on to *explain* and *justify* your choices. Summarize your group's thinking below.

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3. Next, there will be a classwide discussion wherein each group will share its ideas on the question to the class.

4. After the classwide discussion, write a reflection on the following: How has your thinking on the question changed after the group and class discussions? What new connections and understandings have you now developed? Explain.

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