

Name: _____

Aligned to the following standards:

AG2: AG5; FFA.PL-A; FFA.PL-C; FFA.PL-E; FFA.PL-F; FFA.PG-I; FFA.CS-N; FFA.CS-P; CS.02; CS.05; CCSS.RI.9-10.2; CCSS.RI.9-10.3; CCSS.W.9-10.4; CCSS.L.9-10.6; CRP.04; CRP.05; CRP.06

Honor the Heritage

Part 1

Directions:

Read the article "Honor the Heritage" in the fall 2021 issue of *FFA New Horizons* and complete the following activities.

Place a ★ on the two states the Duck Valley Indian Reservation spans.

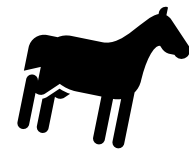


How many head of cattle does Cummins now manage?

- a. 10
- b. 20
- c. 30
- d. 40
- e. 50

What percentage of the Duck Valley FFA Chapter population is native?

- a. 25%
- b. 50%
- c. 75%
- d. 100%



What does Cummins enjoy about having his own herd?



What breed of cattle does Cummins raise?

- a. Angus
- b. Hereford
- c. Simmental
- d. Holstein



What are two physical characteristics of this breed of cattle? Tip: Use this resource to help you: <http://afs.okstate.edu/breeds/cattle/>.

- 1.
- 2.

What are three tasks Cummins completed in his SAE for his cattle operation?

- 1.
- 2.
- 3.

Identify four skills Cummins has gained from his cattle operation.

- 1.
- 2.
- 3.
- 4.

What craft did Cummins learn from his dad?

Name: _____

Part 2

Directions:

Leather is a by-product of the meat-animal industry. Complete the following activities to gain a better understanding of the production process that goes into producing leather.

Think about the things in your house. Identify five items that are made of leather. 1. 2. 3. 4. 5.	Why do you think leather is such a common product in our homes/lives?
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Using this resource, <https://www.trafalgarstore.com/blogs/news/how-is-leather-made-1>, and the chart below, answer the following questions about each step:

- (1) Why is this step performed?
- (2) What would happen if this step was skipped?

Step 1:

HOW IS LEATHER MADE?

STEP 6: FINISHING
Hides can be finished with a coating of pigment or polish, depending on grade and application

STEP 1: PREP
Fresh Hides are cured in salt for several days, then soaked in acidic solution. The hair and flesh are removed.

STEP 2: SPLITTING
The hide is separated into two layers:
1. The high quality Full Grain
2. Lower quality split grain, which can be turned into Suede



STEP 5: DRYING /ROLLING
Tanned leather is stretched, dried, and rolled by machines to soften the leather.

STEP 4: RETANNING
Hides are given a second round of tanning to preserve the collagen and add any dyes or conditioning agents

STEP 3: TANNING
Hides receive an initial soak in plant-based tannins, or a chemical equivalent. These tannins break down the collagen in the hide.

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Step 6:

Step 2:

Step 5:

Step 3:

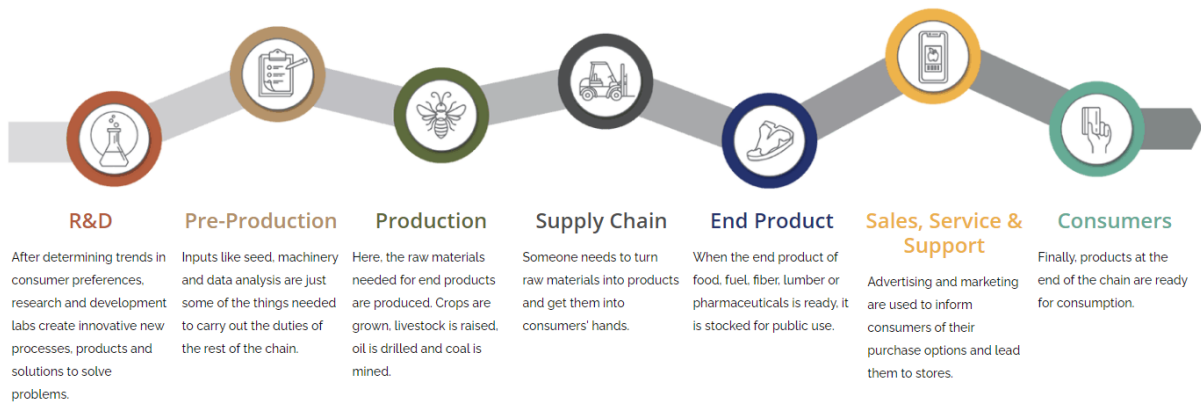
Step 4:

Name: _____

Directions:

Using the Agriculture, Food and Natural Resources (AFNR) Value Chain (shown below), identify where the following processes in leather making would occur along the AFNR Value Chain by drawing arrows to the different steps.

- (1) Hide salting and curing
- (2) Hair and flesh removed
- (3) Initial hide soak
- (4) Consumer purchases the leather product/good
- (5) Hide finished with coating
- (6) Stretching and drying
- (7) Second round of tanning
- (8) Hide made into leather goods
- (9) Leather product/good marketed to the consumer
- (10) Hide separated
- (11) Leather stocked in stores for sale



Directions:

Use this resource, <https://www.trafalgarstore.com/blogs/news/how-is-leather-made-1>, to answer the following questions. Use the underlined letters to unscramble the hidden word.

1. The hides are packed in salt to prevent l_____ g_____.
2. Liming helps to break down the stiffened a_____.
3. i_____ is the final step to turn the hide into a useable leather product.
4. One form of tanning is e_____ tanning, which is the oldest form of tanning.
5. Today, many leather products are tanned by using C_____ u_____.
6. This process of tanning is faster: r_____ u_____.
7. Lastly, leather may receive a coating of t_____ to mask any imperfections.

Name: _____

What role does leather production have in the agriculture industry? What would happen if we did not produce leather?

Using [AgExplorer.FFA.org](https://www.agexplorer.org), identify three careers that exist in leather production and the tasks performed within those careers.

1. _____:

2. _____:

3. _____:

What personality traits do you think you should have if you want to work in the leather production industry? Identify a minimum of three.

1.

2.

3.



How does the leather industry impact you every day?

What would life be like without leather?



In two to three sentences, describe the leather production process and its impact on the economy and our day-to-day lives.