

**Grade 4 Language**  
**Sheep**

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Instructions:**      **Read each question carefully and circle the correct answer.**

1.      Fill in the blank.

Sheep were among the first species to be \_\_\_\_\_, meaning to live in close association with human beings, or to be raised for farm produce.

- A.      studied
- B.      domesticated
- C.      overfed
- D.      none of the above

2.      Fill in the blank.

Sheepskin has provided us with \_\_\_\_\_.

- A.      clothing
- B.      disasters
- C.      shelter
- D.      both A and C

3.      Fill in the blank.

Sheep eat to meet their \_\_\_\_\_ needs.

- A.      energy
- B.      modest
- C.      annual
- D.      none of the above

4. Fill in the blank.

The \_\_\_\_\_ age of a sheep can be determined by examining their teeth.

- A. essential
- B. master
- C. approximate
- D. eager

5. Fill in the blank.

A \_\_\_\_\_ is a baby sheep.

- A. mutton
- B. ram
- C. lamb
- D. shepherd

6. Fill in the blank.

A(n) \_\_\_\_\_ mill turns wool into finished products such as clothing.

- A. textile
- B. plantation
- C. orchard
- D. pizzeria

7. Fill in the blank.

A(n) \_\_\_\_\_ is in charge of looking after flocks of sheep.

- A. contractor
- B. shepherd
- C. apprentice
- D. president

**Grade 4 Writing**  
**Sheep**

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Instructions:**      **Read the question carefully and write your answer below.**

**Extended Response**

Animal geneticists study both gene functions and how genes affect important traits such as growth, disease resistance, or behavior. Identify and explain some of your personal traits that were passed on from your family. Explain why you think studying these functions is important.

**Grade 4 Science**  
**Sheep**

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Instructions:** Match the word on the left with the correct step in woolen manufacturing on the right. Write the letter of the description next to the corresponding step.

- |                           |   |
|---------------------------|---|
| _____ 1. Grading/Sorting  | A. Combing of the wool fibers into a fine sheet or web.   |
| _____ 2. Scouring         | B. Fabric is formed. Through the use of a loom, two sets of yarn are interlaced at right angles to form cloth.  |
| _____ 3. Lanolin Recovery | C. Determined by the end use of the fabric. It can be done at three different stages of production.   |
| _____ 4. Dyeing           | D. Yarn is formed by the drawing out and twisting of the strands of roving, which adds strength. The yarn must be mounted on the frame, passed through two sets of rolls, and then delivered to a bobbin. The roving is stretched, twisted and wound around the bobbin.                 |
| _____ 5. Carding          | E. Wool is cleaned.   |
| _____ 6. Spinning         | F. a natural by-product of wool.  |
| _____ 7. Weaving          | G. The fabric requires several processes before tailoring. The fabric is subjected to controlled amounts of heat, moisture, friction and pressure, all of which result in shrinkage. The vegetable matter is removed, fabric is washed, dried, sheared, inspected, measured and rolled. |
| _____ 8. Finishing        | H. The process begins with raw wool. Stained wool and foreign materials are removed, decisions are made with end use in mind, and fibers from various lots are carefully blended to assure a uniform and consistent fiber mix.  |

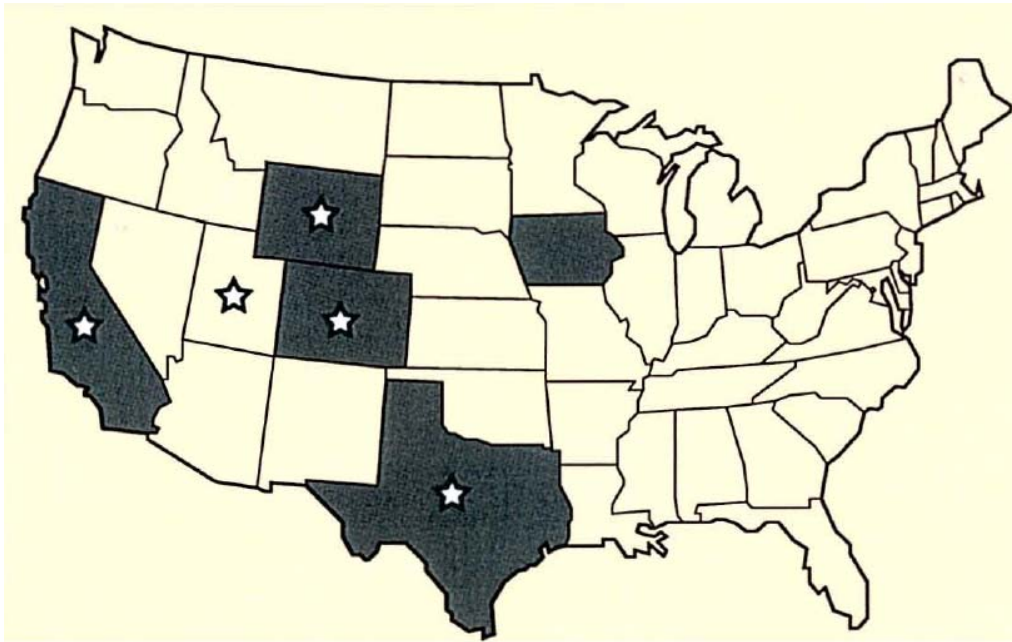
**Grade 4 Social Studies**  
**Sheep**

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Instructions:**      **Read each question carefully and circle the correct answer.**



☆      2010 Top 5 Wool Producing States

■      2010 Top 5 Sheep & Lamb Producing States

1.      According to the map, which of these states is NOT one of the top 5 U.S. sheep & lamb producing states?
- A.      California
  - B.      Texas
  - C.      Iowa
  - D.      Utah

2. According to the map from question 1, what is the northern most state producing both wool and sheep & lamb?

- A. Texas
- B. Wyoming
- C. California
- D. Colorado

3. Fill in the blank.

Using the map from question 1, which sheep and lamb producing state comes next in the sequence, traveling west to east? California, Texas, \_\_\_\_\_.

- A. Iowa
- B. Colorado
- C. Wyoming
- D. Utah

4. Looking at the timeline, 1200 was an important year in sheep history. What was invented?

- A. the flying shuttle
- B. the spinning wheel
- C. the woolen mill
- D. the shearing machine

5. In what year was the famous sheep, Dolly, born?

- A. 2006
- B. 1896
- C. 1996
- D. 1998

6. In 1493, sheep were brought to America by whom?

- A. Eriksson
- B. Boone
- C. Vespucci
- D. Columbus

**Grade 4 Math**  
**Sheep**

**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Instructions:**      **Read each question carefully and circle the correct answer.**

1.      If a ram weighs 330 pounds and a ewe weighs 210 pounds, how much more does the ram weigh than the ewe?
  - A.      540 lbs.
  - B.      120 lbs.
  - C.      110 lbs.
  - D.      100 lbs.
  
2.      World meat consumption consists of pork, beef, poultry and lamb/mutton. Lamb/mutton is 6% of the total meat consumption. What is the total percentage of pork, beef and poultry added together?
  - A.      72%
  - B.      95%
  - C.      94%
  - D.      75%
  
3.      There are approximately 900 different breeds of sheep around the world. Assuming there are approximately 45 breeds of sheep in the U.S., what percentage of breeds does the U.S. represent?
  - A.      2%
  - B.      5%
  - C.      10%
  - D.      6%

4. One lamb weighs 125 pounds. If all lambs weighed the same, how much would 12 lambs weigh?
- A. 1,625 lbs.
  - B. 1,600 lbs.
  - C. 137 lbs.
  - D. 1,500 lbs.
5. One pound of wool can make ten miles of yarn. How many pounds of wool would it take to cover 1,000 miles?
- A. 10,000 lbs.
  - B. 9,000 lbs.
  - C. 100 lbs.
  - D. 100,000 lbs.
6. If there are 6 adult sheep in the barn, how many total teeth would you count in their upper front jaws?
- A. 72
  - B. 84
  - C. 48
  - D. 0
7. Mike wants to put a fence around the sheep pasture. His pasture is 100 feet long and 300 feet wide. How much fencing does Mike need?
- A. 800 feet
  - B. 400 feet
  - C. 200 feet
  - D. 350 feet
8. Using question 7, how much will Mike's fence cost if each foot costs \$9.00?
- A. \$1,800.00
  - B. \$3,600.00
  - C. \$7,200.00
  - D. \$3,150.00



## **Answer Key:**

### **Language**

1. B. domesticated
2. D. both A and C
3. A. energy
4. C. approximate
5. C. lamb
6. A. textile
7. B. shepherd

### **Science**

1. H
2. E
3. F
4. C
5. A
6. D
7. B
8. G

### **Social Studies**

1. D. Utah
2. B. Wyoming
3. A. Iowa
4. B. the spinning wheel
5. C. 1996
6. D. Columbus

### **Math**

1. B. 120 lbs.
2. C. 94%
3. B. 5%
4. D. 1,500 lbs.
5. C. 100 lbs.
6. D. 0
7. A. 800 feet
8. C. \$7,200.00