

Grade 4 Language
Wheat

Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully. Circle the answer that most closely represents the underlined word in each sentence.**

1. An awn is a bristle-like attachment.

 A. connection
 B. plant
 C. stalk
 D. root

2. The germ is a concentrated source of vitamins.

 A. interesting
 B. confusing
 C. intense
 D. flavorful

3. The mill is where the wheat kernels are ground into flour.

 A. pushed
 B. pulled
 C. crushed
 D. driven

4. The tiller is an erect shoot arising from the crown of a grass.

 A. tender
 B. sloping
 C. uneven
 D. upright

5. The wheat germ will develop a wheat plant.
- A. desire
 - B. become
 - C. kill
 - D. brush
6. The bran is the outer coating of the wheat kernel.
- A. outside
 - B. inside
 - C. reverse
 - D. top
7. The chaff is the husk of the grains that separated during threshing.
- A. multiplied
 - B. divided
 - C. added
 - D. grew
8. The wheat spike matures into the wheat head.
- A. ripens
 - B. spreads
 - C. dies
 - D. disappears

Grade 4 Writing
Wheat

Student Name: _____

Class: _____

Date: _____

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

Extended Response

Wheat is grown in nearly every state. Because it is such a versatile crop, it is harvested somewhere in the world every month of the year. Explain how you use wheat in your daily life. How would your life change if you were unable to use wheat? Use your own experiences and information from other sources.

Grade 4 Science
Wheat

Student Name: _____

Class: _____

Date: _____

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

1. Wheat drills insert the seed in the ground in what type of rows?

- A. deep
- B. wide
- C. narrow
- D. shallow

2. Fill in the blank.

Wheat plants grow many leaves and send up 3-12 stems called _____.

- A. roots
- B. tissues
- C. shoots
- D. tillers

3. Fill in the blank.

Before it is harvested, wheat must be _____.

- A. dry
- B. brittle
- C. flat
- D. heavy

4. This machine is used to automatically harvest the wheat.

- A. planter
- B. tiller
- C. combine
- D. tractor

5. Fill in the blank.

At harvest, the stem of a wheat plant is known as _____.

- A. straw
- B. leaves
- C. grass
- D. mulch

6. Wheat is an annual grass plant. What does annual mean?

- A. yearly
- B. yellow
- C. damaged
- D. important

7. Fill in the blank.

Wheat contains gluten. Chewing a wheat kernel is a little like chewing gum. Gluten must make things _____.

- A. fruity
- B. minty
- C. sticky
- D. sloppy

8. Before modern milling, wheat could have been ground into flour using which method?

- A. Grinding it between 2 stones.
- B. Mashing it in a wooden bowl.
- C. Both A and B.
- D. Neither A nor B

Grade 4 Social Studies
Wheat

Student Name: _____

Class: _____

Date: _____

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

1. Which of the following is in alphabetical order?
 - A. Kansas, Idaho, Colorado
 - B. Oklahoma, Oregon, Kansas
 - C. Kansas, Montana, Washington
 - D. North Dakota, South Dakota, Oregon

2. Which wheat-growing state is located farthest west?
 - A. Idaho
 - B. Colorado
 - C. Montana
 - D. Minnesota

3. Which wheat-growing state is located farthest east?
 - A. Washington
 - B. Idaho
 - C. Oregon
 - D. South Dakota

4. Bagel is derived from the German word stirrup ‘bugel.’ On which continent is Germany located?
 - A. Africa
 - B. Asia
 - C. Europe
 - D. North America

5. Wheat was first planted in the U.S. in 1777. What event occurred close to that date?
- A. The cellular phone was invented.
 - B. The American Revolution.
 - C. The first television show aired.
 - D. You were born.
6. Fill in the blank.
- A commodity broker helps farmers sell _____.
- A. tractors
 - B. harvested grains
 - C. leftover parts
 - D. paper goods
7. Wheat can be used for seed, feed, exporting or for domestic use. What does domestic mean?
- A. Related use in one's own home or country.
 - B. To fight a battle.
 - C. To enclose in dome.
 - D. To repeat over and over.
8. Wheat can also be exported. What does export mean?
- A. To ship to another location or country.
 - B. To return to the home state.
 - C. To farm in the winter.
 - D. To interpret images.
9. In what part of the country are most of the top 10 wheat-producing states located?
- A. the Northeast
 - B. the Northwest
 - C. the Southeast
 - D. the Southwest

Grade 4 Math
Wheat

Student Name: _____

Class: _____

Date: _____

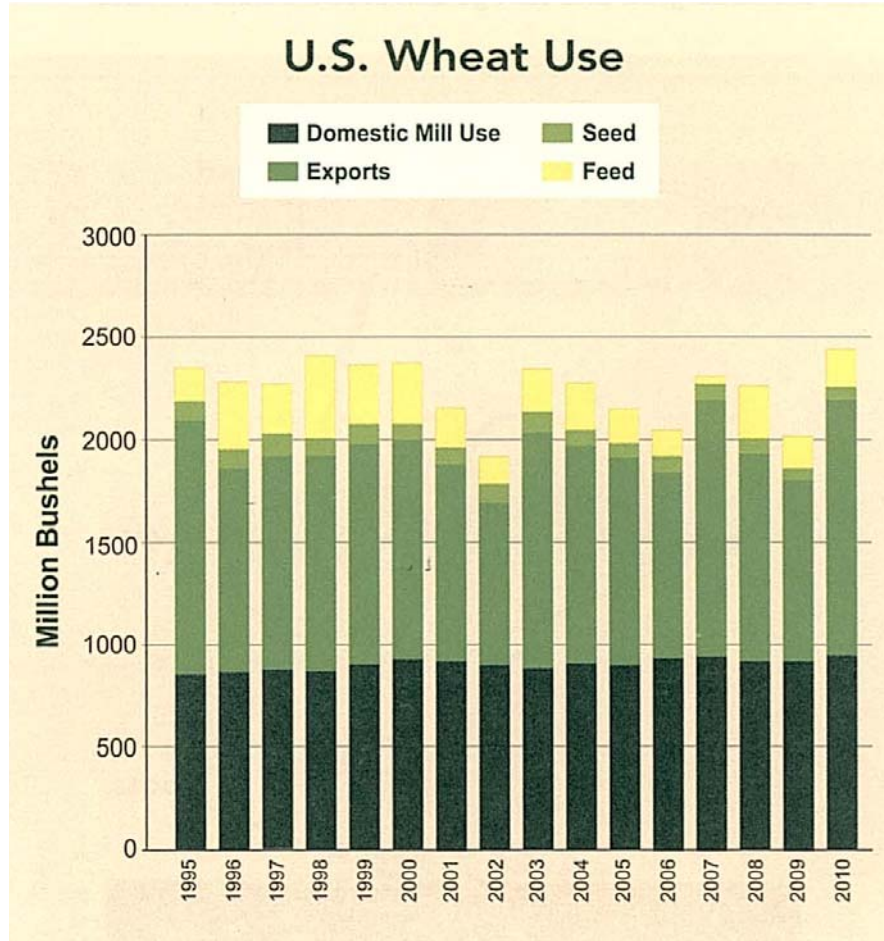
Instructions: **Read each question carefully and circle the correct answer.**

1. A bushel of wheat weighs about 60 pounds. How much do 4 bushels of wheat weigh?
 - A. 64 pounds
 - B. 120 pounds
 - C. 240 pounds
 - D. 244 pounds

2. One bushel of wheat makes 90 loaves of bread. Estimate how many loaves of bread can be made from 5 bushels of wheat.
 - A. 100 loaves
 - B. 500 loaves
 - C. 1,000 loaves
 - D. 5,000 loaves

3. The average price per bushel of wheat in 2011 was \$5.70. One bushel of wheat can make 5,000 four-inch cookies. If each cookie sold for 50 cents, how much money could be made?
 - A. \$5,000
 - B. \$5,700
 - C. \$2,500
 - D. \$5,004

Use the following graph to answer questions 4 and 5.



4. According to the graph, which of the following years had the lowest overall wheat production?
- A. 2007
 - B. 2008
 - C. 2009
 - D. 2010
5. Which of the following years had the highest overall wheat production?
- A. 2007
 - B. 2008
 - C. 2009
 - D. 2010

6. How many years passed between when wheat was first planted in the U.S. until Wonder Bread was officially produced?
- A. 14
 - B. 17
 - C. 143
 - D. 144
7. Two bushels of wheat weigh 60 pounds each. Those two bushels can make 42 pounds of white flour and 60 pounds of whole wheat flour. What is the difference between white and wheat flour?
- A. 8 pounds
 - B. 12 pounds
 - C. 18 pounds
 - D. 28 pounds
8. There are between 15,000 and 17,000 kernels of wheat in a bushel. What is the difference between 15,000 and 17,000 kernels?
- A. 200 kernels
 - B. 2,000 kernels
 - C. 20,000 kernels
 - D. 32,000 kernels

Answer Key:

Language

1. A. connection
2. C. intense
3. C. crushed
4. D. upright
5. B. become
6. A. outside
7. B. divided
8. A. ripens

Science

1. C. narrow
2. D. tillers
3. A. dry
4. C. combine
5. A. straw
6. A. yearly
7. C. sticky
8. C. Both A and B.

Social Studies

1. C. Kansas, Montana, Washington
2. A. Idaho
3. D. South Dakota
4. C. Europe
5. B. The American Revolution.
6. B. harvested grains
7. A. Related use in one's own home or country.
8. A. To ship to another location or country.
9. B. the Northwest

Math

1. C. 240 pounds
2. B. 500 loaves
3. C. \$2,500
4. C. 2009
5. D. 2010
6. D. 144
7. C. 18 pounds
8. B. 2,000 kernels

