

**Activity
6.1**

Name _____ Date _____ Hour _____

Unit Word Search

Student Materials

Pencil

Directions

Fill in the blank with the correct term from the word bank. Find each word within the word search.

- _____ 1. A castrated male hog is a _____ .
- _____ 2. A male hog that has not been castrated is a _____ .
- _____ 3. Upright
- _____ 4. Give birth
- _____ 5. Time from breeding to farrow
- _____ 6. An immature female is a _____ .
- _____ 7. Another term for fat
- _____ 8. Swine will give birth to 8 to 10 pigs, also known as a _____ .
- _____ 9. A general Latin term relating to all pigs
- _____ 10. The meat of pigs
- _____ 11. Once a gilt farrows a litter of pigs, she is then termed a _____ .
- _____ 12. To remove the mother from the litter
- _____ 13. A breed of swine that is solid red
- _____ 14. A breed of swine with a black body and broad white "belt"
- _____ 15. A breed of swine that has a white body with small, erect ears
- _____ 16. A breed of swine that has a black body and six white points with erect ears

- _____ 17. The _____ White has an all-white body with drooping ears.
- _____ 18. Breed known for its spotted body
- _____ 19. The Poland _____ has a black body with six white points and drooping ears.
- _____ 20. The American _____ is known for its mothering ability.
- _____ 21. Part of a hog that is specific to males
- _____ 22. Part of a hog used to evaluate muscling
- _____ 23. A _____ in the tip of the ear is "81."
- _____ 24. Pigs are often used in medical _____ .
- _____ 25. Pig _____ valves are used in medical treatments of humans.

Word Bank

barrow
Berkshire
boar
Chester
China
Duroc
erect

farrow
gestation
gilt
ham
Hampshire
heart
Landrace

lard
litter
notch
porcine
pork
research
sheath

sow
Spot
wean
Yorkshire

K P I C T A F F S B O A F E T O U J F F N N
 A R Q Y N G Q P S O A C B O C D R A L A A H
 G B O I A F Q L Z A T V P T W A R T D R E C
 C E H P J H I V Y R I S O W U H R J L R W R
 O C S N Y T U O E R I H S K R E B D I O Y A
 R X L T T U R G C X J T Z G Z P H W N W P E
 U A H E A K U E C H E S T E R H A T T A G S
 D B R J S T N T Y T T B B N F M M J S I L E
 D I A H E I I N N E A C B Q R G P Q L P B R
 J H I R C O C O X E S K E X Q Z S T Q H P E
 H R E R R H B D N Y A Z P R J O H D T G F N
 E A O A A O F A K N X J C Q E J I T S Q Z J
 U P M C R U W P H F C E N A L X R H D Z Y J
 K X J A C T E R X F R W I A J S E L Y U Z D
 N O T C H P Y K R D E H T A E H S J Z V O I

Activity 6.2

Name _____ Date _____ Hour _____

Technological Advances in Swine Production

Student Materials

Pencil and paper or computer/printer

Resources

Examples:

Online sites

Council for Agricultural Science and Technology

<http://www.cast-science.org>

United States Department of Agriculture

<http://www.usda.gov/>

National Pork Producers Council

<http://www.nppc.org/>

Books

Magazines

Personal interviews

Directions

Choose one topic related to recent technological advancements in swine production. Some topics to consider include genetic mapping, genetic engineering, cloning, health and medications, waste disposal, and nutrition. Write a report on your topic following the guidelines given below.

- The length of your report should be at least two pages.
- Use at least one visual component with your report. (Charts, posters, models)
- List references used for your report.
- If the topic is controversial, explain why it is controversial. If you have an opinion, state your opinion on the controversy.
- Check your report for proper grammar and spelling.

Activity 6.3

Name _____ Date _____ Hour _____

Research a Swine Breed

Student Materials

Pencil and paper or computer/printer

Resources to research breeds

Examples:

Online sites

Books

Magazines

Personal interviews

Directions

Choose a swine breed that you are interested in finding out more about. You may choose a breed listed in the unit or one from another source such as the Oklahoma State University Breeds of Livestock website <http://www.ansi.okstate.edu/breeds/swine/>.

Write a paper over the breed that is at least two pages in length. Answer questions about the breed in your paper such as:

- Why did you choose that specific breed?
- Where did the breed originate?
- When was the breed introduced to the United States?
- What color is the breed?
- What are some distinguishing characteristics of the breed?
- What are considered to be some strong points of the breed? (Example: Good mothers)
- How common is the breed in the United States?
- What is the breed association?
- Does the breed association publish a magazine?
- If you were to go into the swine business, would you purchase this breed? Why or why not?

Activity
6.4

Name _____ Date _____ Hour _____

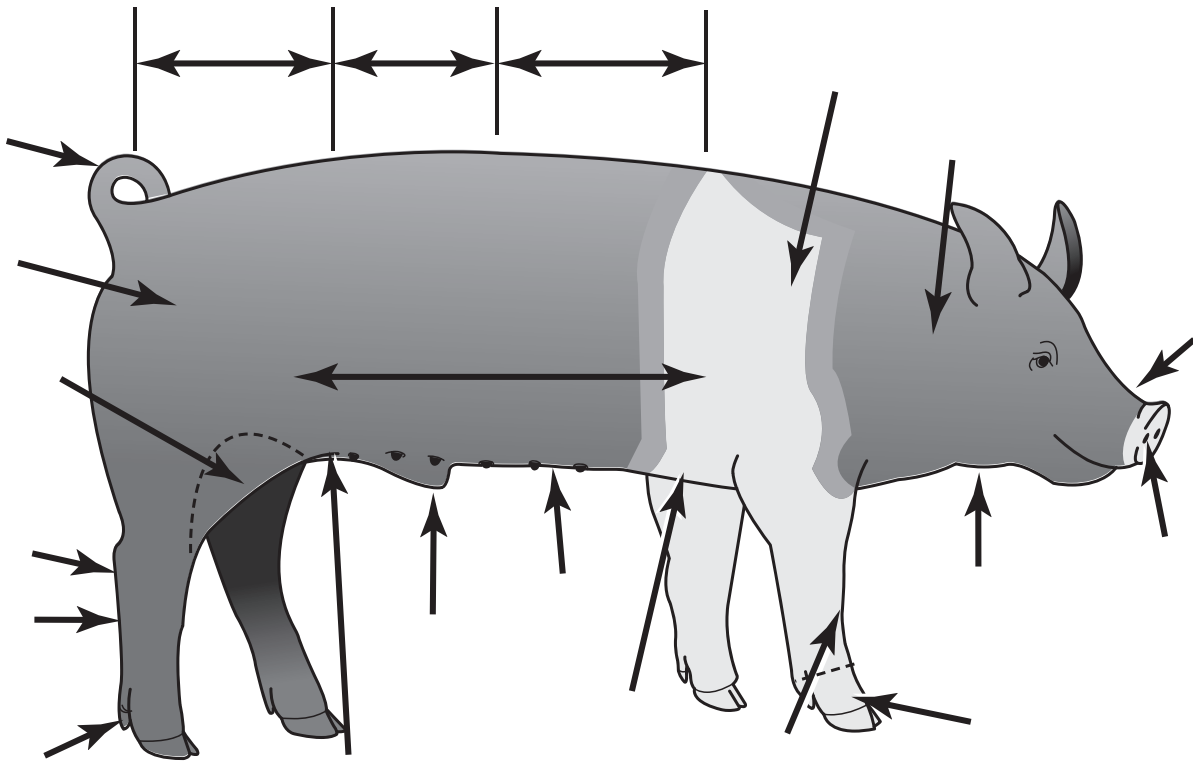
Label Parts of a Hog

Student Materials

Pencil

Directions

Write the parts of a hog next to the arrows.



**Activity
6.5**

Name _____ Date _____ Hour _____

Consumer Products

Student Materials

Pencil

Resources on swine products

Introduction

Swine products and by-products are used in many everyday items. Swine products are also used in health care. Briefly describe one item for each category and how it is used.

1. Food product (Example: Bacon)

2. Health care (Example: A specific type of medication)

3. Household

4. Hobbies

5. Other (Example: Fertilizer)

Activity
6.6

Name _____ Date _____ Hour _____

Universal Ear Notching

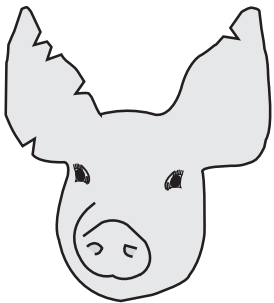
Part 1: Identifying Notches

Student Materials

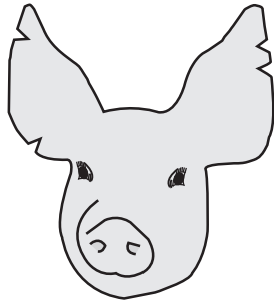
Pencil

Directions

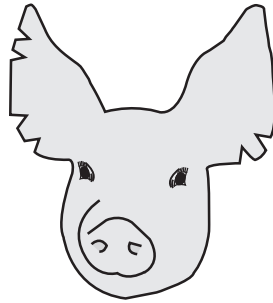
Identify the ear notches for each of the following pigs.



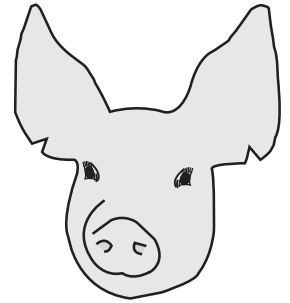
1. _____



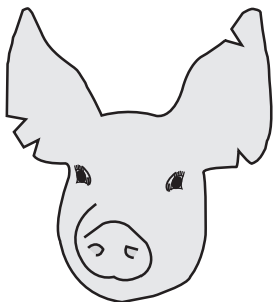
2. _____



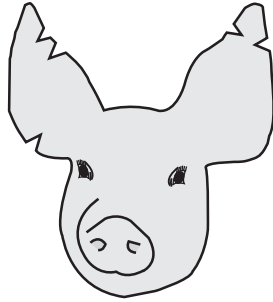
3. _____



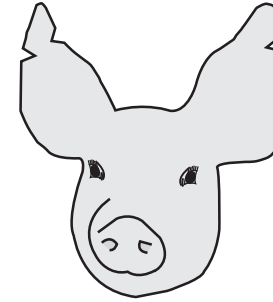
4. _____



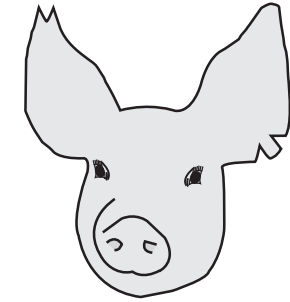
5. _____



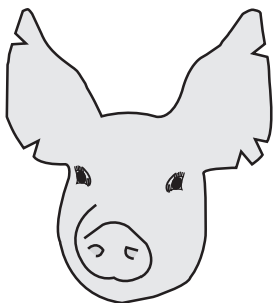
6. _____



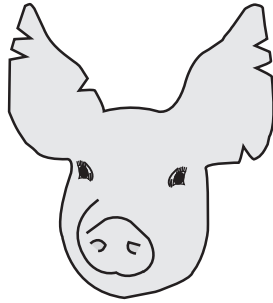
7. _____



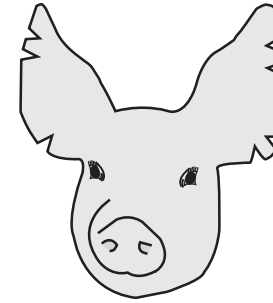
8. _____



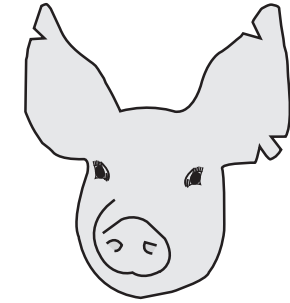
9. _____



10. _____



11. _____

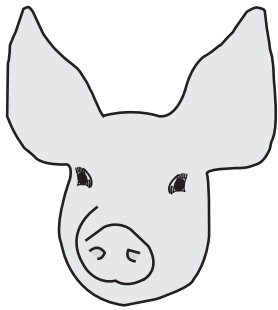


12. _____

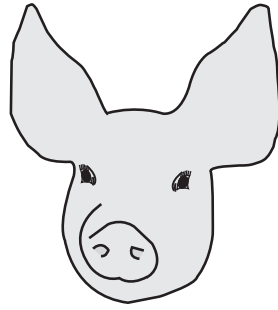
Part 2: Drawing Notches

Directions

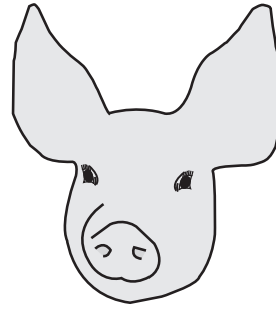
Draw notches on each pig according to the numbers given.



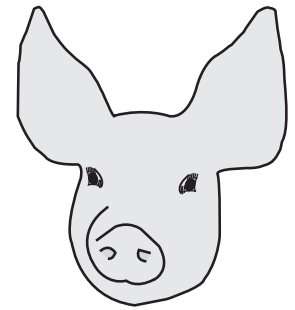
40 - 7



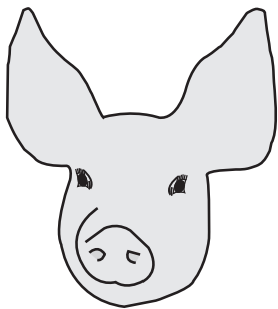
22 - 2



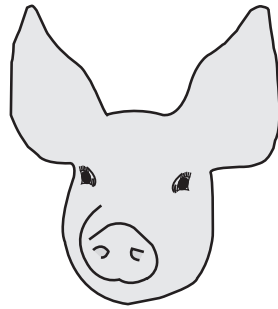
28 - 5



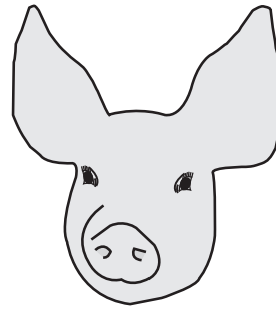
1 - 2



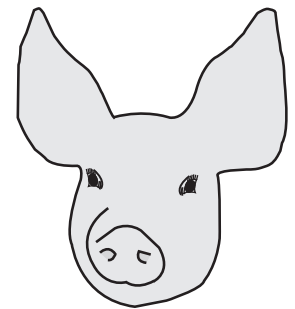
5 - 11



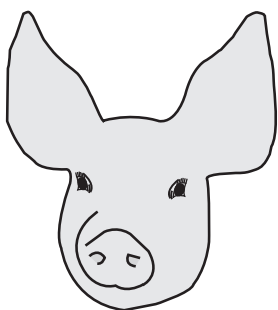
17 - 10



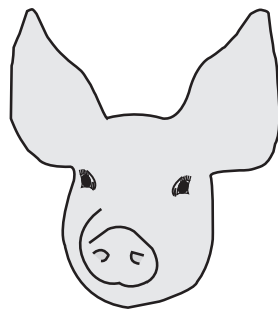
81 - 6



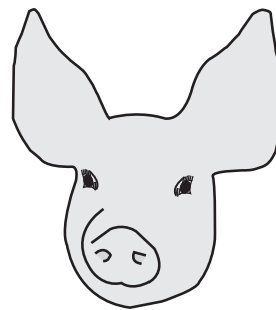
31 - 3



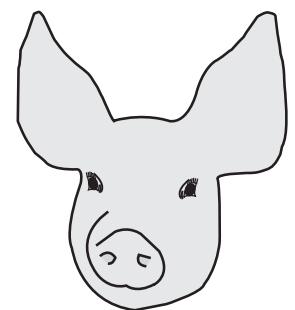
9 - 9



20 - 4



7 - 1

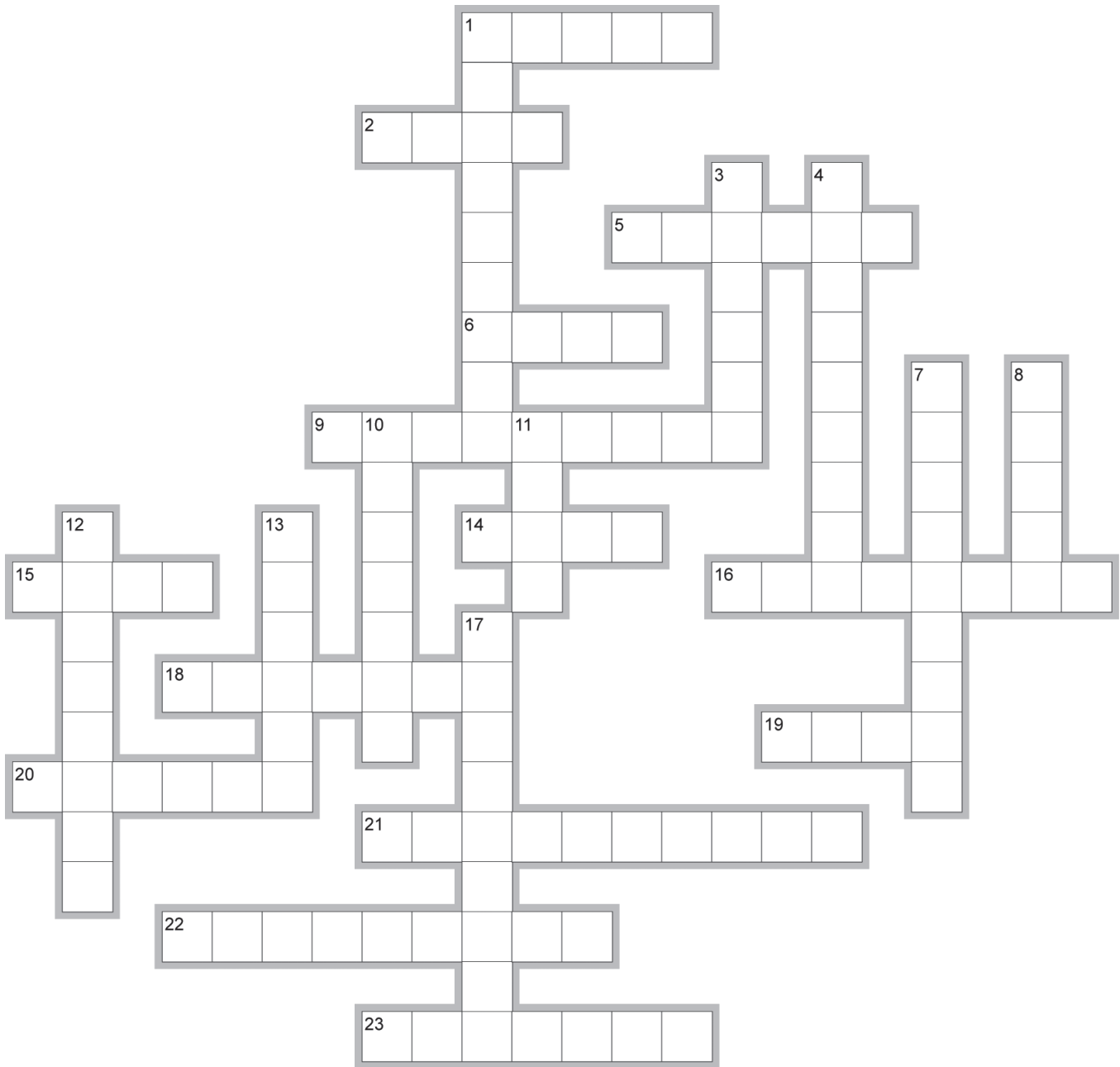


45 - 8

**Activity
6.7**

Name _____ Date _____ Hour _____

Unit Review Crossword



EclipseCrossword.com

Across

1. The pig's ___-to-bodysize ratio is similar to humans.
2. Part of a hog used to evaluate muscling
5. The modern pig produces ___ meat that its ancestors.
6. State that is the country's largest producer of swine
9. The ___ system of swine is similar to that of humans.
14. Male hog that has not been castrated
15. Part of a hog used to evaluate the amount of fat
16. Breed that has large ears that may interfere with vision
18. The general Latin term relating to all pigs is ___ .
19. Immature female
20. Another term for giving birth
21. A household item made from swine products
22. Breed known as the "mother breed"
23. The ___ White is known to be very prolific.

Down

1. Heavily muscled, lean-meat breed that is black with a white belt
3. Swine product used for fertilizers
4. The period of time from breed to farrow is called ___ .
7. To identify pigs each ear is divided into numbered ___ .
8. Breed that is a solid red color with drooping ears
10. Product made from swine that is used to treat diabetes
11. The roots of this breed can be traced to the Poland China.
12. Product made from the leather of pig hides
13. Castrated male hog
17. One of the oldest identifiable breeds