

Pork Ag Mag - Vocabulary

Identifying Idioms

Directions: An **idiom** is an expression that means something different from what it actually says. Each picture below is an illustration of a common idiom. Next to each idiom, identify the idiom and then explain the real meaning of the idiom

1



Idiom _____

Meaning _____

2



like a



Idiom _____

Meaning _____

3



"Hey...he's not eating like a pig."

Idiom _____

Meaning _____

Pork Ag Mag - Math

Identity and Inverse Properties

The **identity property of addition** states that the sum of any number and zero is the original number.

The **identity property of multiplication** states that the product of any number and one is that number.

Inverse operations are operations that undo each other.

Directions: Write the inverse of each of the following.

1. $+ 9$ _____

6. $- 7$ _____

2. $\times 3$ _____

7. $+ 5$ _____

3. $- 4$ _____

8. $\times 8$ _____

4. $\div 6$ _____

9. $\div 11$ _____

5. $\times 2$ _____

10. $+ 13$ _____

Directions: Indicate whether the following equations illustrate the identity property of addition (A), the identity property of multiplication (M), or neither (N).

11. $9 + 0 = 9$ _____

12. $4 + (3 + 7) = (4 + 3) + 7$ _____

13. $5 \times 1 = 5$ _____

14. $0 + a = a$ _____

15. $z \times 1 = z$ _____

Pork Ag Mag - Reading Passage

Taken from *AgriScience Explorations* by Morgan, Chelewski, Lee and Wilson

Swine are raised primarily for their meat—pork. The meat may be processed into ham or bacon. Swine are also raised for breeding and continuing the species. One key to swine production is the availability of their primary feed, corn. Swine are monogastrics. They cannot eat large amounts of roughage.

The birth of piglets is known as farrowing. Sows usually produce seven to twelve piglets twice yearly. The ears are often notched at birth to identify individuals.

Eight major breeds are recognized in the United States. Breeds are distinguished by color, ears, and litter size. Four of the most common breeds are Yorkshire, Duroc, Chester White, and Hampshire. Hybrids are common.

Yorkshire swine have white skin and erect ears. They are well known for their mothering ability.

Durocs are red animals with drooping ears. They have large litters and are also excellent meat animals.

Hampshires are black with a white belt around the front legs. The size of the belt varies tremendously. Hampshires also have erect ears.

Growers raise swine to different sizes. Some raise them from farrowing to finish, while others raise them from farrowing to a feeder weight of 40 pounds. Still others are involved only with finishing operations. A few growers raise purebred animals for breeding stock.

Swine have many organ systems similar to humans. Two examples are the heart and circulatory system and the digestive system. For this reason, swine are used in medical experiments to find treatments for human illness.

Pork Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

1

When piglets are born, the process is known as _____.

- A Birthing
- B Producing
- C Farrowing
- D Finishing

2

A swine feeder weight is how many pounds?

- A 30
- B 40
- C 50
- D 60

3

The purpose of raising swine is for _____.

- A Meat production
- B Breeding
- C Continuing the species
- D All of the above.

4

The breed of swine that are known for their mothering ability are _____.

- A Hampshire
- B Yorkshire
- C Durocs
- D Chester White

Pork Ag Mag - Reading Passage

Directions: Read each question and choose the best answer.

5

Medical experiments to find treatments for human illnesses are often performed on swine because _____.

- A Swine and humans have similar organ systems.
- B Swine are abundant.
- C Swine feel pain like humans.
- D Swine are purebred animals.

6

The four most common breeds of swine are all of the following **except**:

- A Hampshires
- B Durocs
- C Yorkshires
- D Chester Greens

7

Female pigs who have given birth to piglets are called _____.

- A Boars
- B Sows
- C Barrows
- D Gilts

8

How many piglets are usually in a litter?

- A 1 - 5
- B 7 - 12
- C 15 - 20
- D None of the above



Extended Response—PORK

Care for animals is an important part of production farming. Discuss why it is important to take proper care of production animals. What steps need to be taken in order to ensure animals are cared for properly?