

Name:

Period:

ASEXUAL REPRODUCTION



When an organism reproduces it makes another organism of the same _____.
Some organisms reproduce _____. Cows make more cows and pigs make more pigs.
Sexual reproduction combines genes from a mother and a father, making a genetically
_____ organism.

Other organisms reproduce asexually. In asexual reproduction, all the genes come from
a _____ parent. Asexually produced offspring are genetically _____ to the
parent.

There are many **methods**¹ of asexual reproduction. In some one-celled organisms,
_____ is a method of asexual reproduction. Bacteria cells reproduce
through cell division. The cell makes a copy of its _____ then sends the copy into a new
bacteria cell. Some bacteria cells can reproduce fast, making a new cell every 20
minutes.

Another method of asexual reproduction is budding. Unicellular yeast cells grow new
cells off of the _____ of another. When the cell is developed it falls off and a new
_____ cell is produced.

Some organisms produce offspring by splitting into pieces. A sea anemone can split
down the middle resulting in the production of another individual _____ to the
original. Some worms if split will continue to live as _____ identical worms.

Both sexual and asexual reproduction produce _____. However, asexual
reproduction makes genetically _____ offspring and sexual reproduction makes
_____ offspring.

Try taking a _____ of a plant. You will be making another that has the same DNA
as the parent plant. You just helped the plant to reproduce asexually!

1. meth·od /'meTHəd/ *n.* A particular procedure for accomplishing or approaching something

VOCABULARY

Below is a sentence from the video.

Some bacteria cells reproduce fast, making a new cell every 20 minutes.

Select the word that would best replace the word fast.

- (1) unhurried
- (2) rapid
- (3) leisurely
- (4) rapidly

QUESTIONS

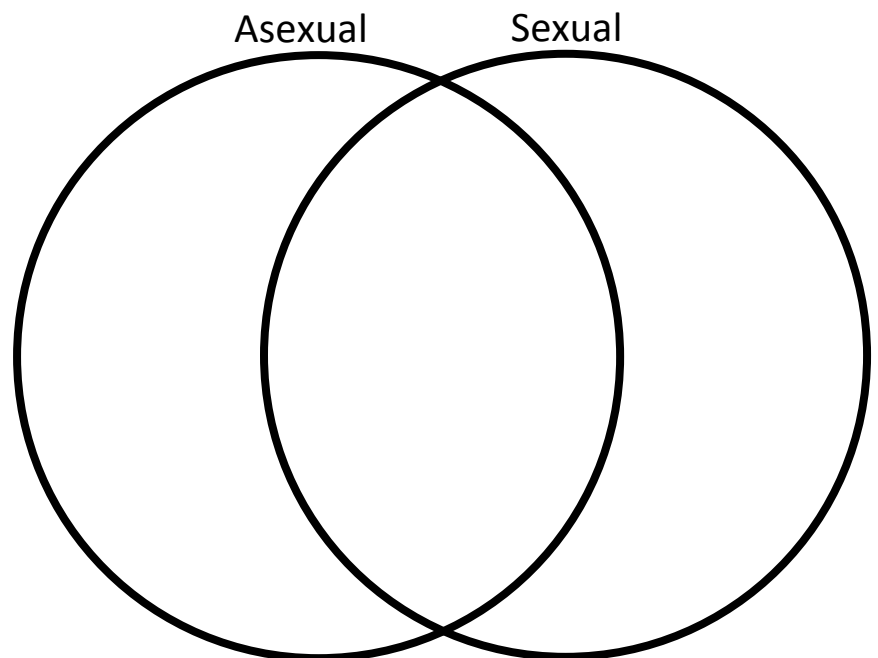
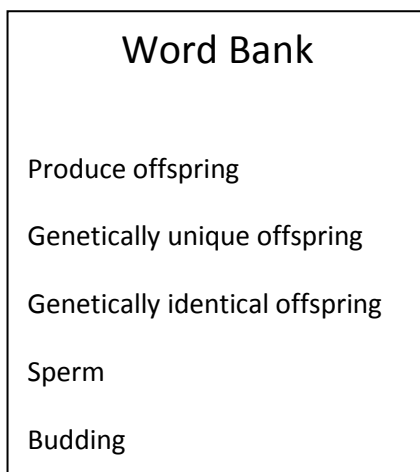
1. According to the video, what is the **gestation**² period of a pig?

The amount of time a baby pig is in the womb is

2. How could two plants in different locations have the same DNA?

CREATE

Complete the diagram.



2. **ges·ta·tion** /je stāSHən/ *n.* The process of carrying or being carried in the womb between conception and birth.