

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**<sup>1</sup> 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!

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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**<sup>2</sup> 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?

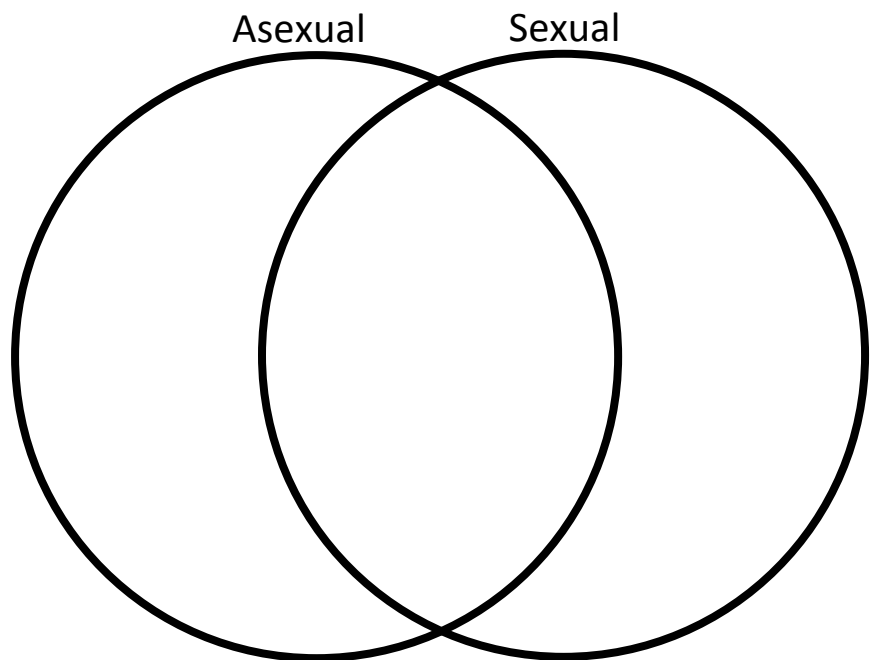
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# CREATE

Complete the diagram.

|                                 |
|---------------------------------|
| <b>Word Bank</b>                |
| Produce offspring               |
| Genetically unique offspring    |
| Genetically identical offspring |
| Sperm                           |
| Budding                         |



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