

14 Multiple choice questions

Definition

1 of 14

The offspring produced by a sexual female aphid after mating.

- ☐ Eggs
- ☐ Mitosis
- ☐ Mating
- ☐ Clones

Term

2 of 14

Clones

- ☐ Organisms that can reproduce asexually through runners, leaves, or roots.
- ☐ The process of a male and female aphid reproducing sexually.
- ☐ The offspring produced by a sexual female aphid after mating.
- ☐ Offspring that are genetically identical to the parent.

Definition

3 of 14

Offspring from asexual reproduction in strawberry plants may be better adapted to conditions near the parent plant.

- ☐ Variation
- ☐ Advantages
- ☐ Adaptation
- ☐ Disadvantages

Term

4 of 14

Plants

- ☐ Organisms that can reproduce asexually through runners, leaves, or roots.
- ☐ Factors such as food that are abundant and allow for rapid asexual reproduction.
- ☐ Offspring that are genetically identical to the parent.
- ☐ Cell division that produces offspring in asexual reproduction.

Definition

5 of 14

Benefits of asexual reproduction include faster reproduction and making the most of available resources.

- ☐ Advantages
- ☐ Resources
- ☐ Adaptation
- ☐ Disadvantages

Term

6 of 14

Fertilization

- ☐ Differences among offspring produced through sexual reproduction.
- ☐ The process of a male sex cell combining with a female sex cell.
- ☐ Cell division that produces offspring in asexual reproduction.
- ☐ The process of a male and female aphid reproducing sexually.

Definition

7 of 14

Cell division that produces offspring in asexual reproduction.

- ☐ Mitosis
- ☐ Mating
- ☐ Plants
- ☐ Clones

Term

8 of 14

Sexual reproduction

- ☐ Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- ☐ Environmental changes that can be advantageous for offspring produced through sexual reproduction.
- ☐ Reproduction without fertilization, producing clones that are genetically identical to the parent.
- ☐ Combines characteristics from both parents, producing offspring that are different from each other.

Definition

9 of 14

The process of a male and female aphid reproducing sexually.

- ☐ Variation
- ☐ Mating
- ☐ Fertilization
- ☐ Mitosis

Definition

10 of 14

Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.

- ☐ Pest or disease
- ☐ Advantages
- ☐ Adaptation
- ☐ Disadvantages

Definition

11 of 14

Differences among offspring produced through sexual reproduction.

- ☐ Mating
- ☐ Fertilization
- ☐ Variation
- ☐ Adaptation

Definition

12 of 14

Reproduction without fertilization, producing clones that are genetically identical to the parent.

- ☐ Asexual reproduction
- ☐ Disadvantages
- ☐ Sexual reproduction
- ☐ Pest or disease

Term

13 of 14

Resources

- ☐ Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- ☐ Factors such as food that are abundant and allow for rapid asexual reproduction.
- ☐ Organisms that can reproduce asexually through runners, leaves, or roots.
- ☐ Benefits of asexual reproduction include faster reproduction and making the most of available resources.

Term

14 of 14

Pest or disease

- ☐ Environmental changes that can be advantageous for offspring produced through sexual reproduction.
- ☐ Drawbacks of asexual reproduction include lack of genetic variation and vulnerability to disease.
- ☐ Combines characteristics from both parents, producing offspring that are different from each other.
- ☐ Reproduction without fertilization, producing clones that are genetically identical to the parent.