

Worksheet Number (1)

Grade & Section: 9th (A, B, C,D)

Unit: Plants and their reproduction

Student's Name: _____

Date: _____ / ____ /2025

Skill/Lesson: REPRODUCTION

Educational Outcome:

1- Define reproduction.

2- Explain the difference between sexual and asexual reproduction

Task1:

answer the following questions after watching the video:

<https://www.youtube.com/watch?v=co5jZId0F-g>

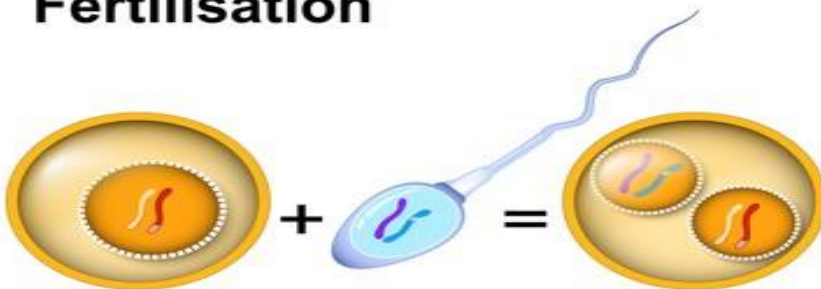
Fill in the Blank: Fill in the blank with the correct words.

1. In _____ reproduction, offspring are produced by just one parent and are genetically identical to that parent.
2. Sexual reproduction requires two _____ to combine their genetic material.
3. The male gamete is the and the female gamete is the
4. The main advantage of sexual reproduction is that it increases _____ in a population.
5. Cloning in plants, such as when a potato grows new plants from its eyes, is an example of _____ reproduction.

Word bank: genetic variation, egg, sperm, asexual, parents, asexual

Task 2: Label the structures in the diagram below

Fertilisation



Task 3:

Multiple Choice Questions: Choose the correct answer from the choices for each question.

1. Which of the following is an example of asexual reproduction?
 - A) Humans having children
 - B) Bacteria dividing by binary fission
 - C) Birds laying eggs after mating
 - D) Dogs breeding
2. What is the main benefit of sexual reproduction?
 - A) Produces more offspring quickly
 - B) Offspring are identical to the parent
 - C) Increases genetic diversity
 - D) Only one parent is needed
3. Which statement is true about asexual reproduction?
 - A) It always requires two parents
 - B) Offspring are genetically different from the parent
 - C) It is only found in animals
 - D) Offspring are genetically identical to the parent
4. Which of the following organisms typically reproduce sexually?
 - A) Bacteria
 - B) Yeast
 - C) Flowering plants
 - D) Amoeba
5. In sexual reproduction, what is the result of fertilization?
 - A) A clone of the parent
 - B) A new organism with a mix of genetic material from both parents
 - C) No new organism is produced
 - D) The parent organism grows larger

GOOD LUCK