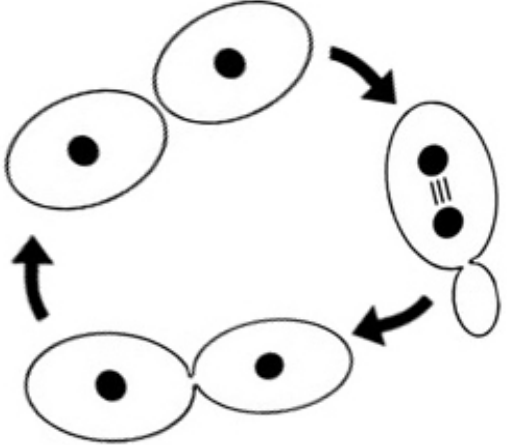


Name _____

4.02- Analyze the processes by which organisms accomplish essential life functions

Types of Asexual reproduction:

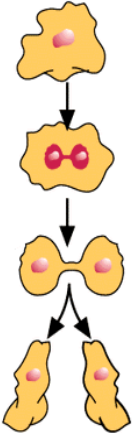
Look up the following types of asexual, and sexual reproduction, using your text book, or the internet: Binary fission, budding, sporulation, regeneration, parthenogenesis or vegetative propagation. . Identify the type of reproduction depicted in the diagrams below, and write a paragraph about each type. Give two examples of organisms that use each method of reproduction.



The diagram shows a circular sequence of four stages of binary fission. 1. A single parent cell with a black nucleus. 2. The nucleus has replicated, shown by a vertical line through it. 3. The cell has divided into two daughter cells, each with its own nucleus. 4. The two daughter cells are shown again, completing the cycle.

Type _____
Description:

Examples _____



The diagram shows a vertical sequence of four stages of budding. 1. A single parent cell with a pink nucleus. 2. A small bud is forming on one side of the cell. 3. The bud is larger and contains its own pink nucleus. 4. The bud has detached from the parent cell, resulting in two separate daughter cells.

Type _____
Description:

Examples _____

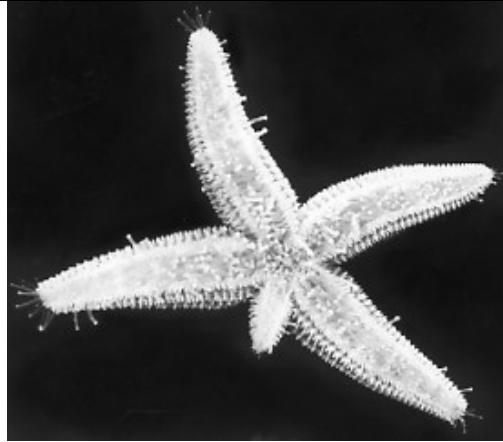
Name _____



Type _____

Description:

Examples _____



Type _____

Description:

Examples _____

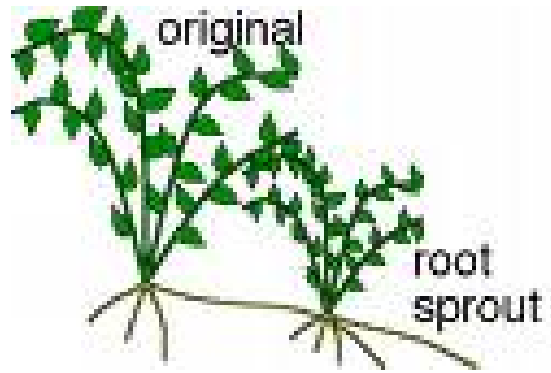
Name _____



Type _____

Description:

Examples _____



Type _____

Description:

Examples _____
