Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**4**

Date \_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_\_\_\_

**Types of Sexual & Asexual Reproduction**

|  |  |  |
| --- | --- | --- |
| **ASEXUAL**  | **Description** | **Examples/Drawing** |
| 1. Binary Fission | A single cell makes a copy of its DNA and divides into two cells. |  |
| 2. Budding | A bud or growth forms on the parent, grows and breaks off. |  |
| 3. Vegetative Propagation | New plants are formed without the production of seeds. |  |
| 4. Fragmentation | A new organism grows from a fragment (piece) of a parent. |  |
| 5. Parthenogenesis | An unfertilized egg develops into a new individual. |  |
| **SEXUAL**  | **Description** | **Examples/Drawing** |
| 1. Animals | Fertilization: The combination of an egg cell and a sperm cell.  |  |
| 2. Flowering Plants | Pollination: Pollen grains (sperm cells) are delivered (by wind, bees, butterflies) to the Ovule (egg cells) making a SEED. |  |

This population of starfish can reproduce both sexually and asexually. Draw and color a model of each type of reproduction.



|  |  |
| --- | --- |
| ASEXUAL REPRODUCTION | SEXUAL REPRODUCTION |



These flowers can reproduce using flowers or bulbs. Draw two models, one of each type of reproduction.

|  |  |
| --- | --- |
| ASEXUAL REPRODUCTION | SEXUAL REPRODUCTION |