Science 9 Chapter 3 Quiz Review

The quiz will have the following topics:

-Meiosis

-The methods of asexual and sexual reproduction

-The types of embryo’s and how organisms protect them

**Meiosis:**

Meiosis I

|  |  |  |  |
| --- | --- | --- | --- |
| Prophase I | Metaphase I | Anaphase I | Telophase I |
| Picture: | Picture: | Picture: | Picture: |
| What happens: | What happens: | What happens: | What happens: |

Meiosis II

|  |  |  |  |
| --- | --- | --- | --- |
| Prophase II | Metaphase II | Anaphase II | Telophase II |
| Picture: | Picture: | Picture: | Picture: |
| What happens: | What happens: | What happens: | What happens: |

**Methods of Sexual Reproduction**

|  |  |  |  |
| --- | --- | --- | --- |
| Method: | Method: | Method: | Method: |
| What happens: | What happens: | What happens: | What happens: |
| What organisms use it: | What organisms use it: | What organisms use it: | What organisms use it: |

**Methods of Asexual Reproduction**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method: | Method: | Method: | Method: | Method: |
| What happens: | What happens: | What happens: | What happens: | What happens: |
| What organisms use it: | What organisms use it: | What organisms use it: | What organisms use it: | What organisms use it: |

**Types** **of** **Embryos**:

Match the following:

Seeds a. These embryos may be buried to protect them from

 predators

Eggs b. Offspring are born premature, then climb into a pouch

 on the mother to feed and grow

Placental Mammals c. These embryos are stored with a food source as well as a protective coating. May be called monocot or dicot

Marsupials d. These embryos take the longest time to mature, but are usually more ready to survive in the wild after birth

Complete the paragraph:

The seed has many parts. The \_\_\_\_\_\_\_\_\_\_\_\_ is the leaf inside of the seed. If there is one seed leaf is it called a \_\_\_\_\_\_\_\_\_\_\_\_, if there are two seed leaves it is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The \_\_\_\_\_\_\_\_\_\_\_ in a seed will grow into the roots of the plant. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will grow into the leaves and stem of the plant.

1. Radicle b. Dicot c. Epicotyl d. Monocot e. Cotyledon