

# Pregnancy, Birth, and Childhood Review

Date \_\_\_\_\_

Last Name \_\_\_\_\_, First \_\_\_\_\_ period \_\_\_\_\_

The cycle of life begins when the process of cell division called \_\_\_\_\_ produces the sex cells. Males produce \_\_\_\_\_ and females produce \_\_\_\_\_. The union of these cells produces a \_\_\_\_\_, or fertilized egg. Mitotic Cell divisions begin and a ball of cells called the medulla or blastula is formed. The ball of cells has three layers. The \_\_\_\_\_ layer forms the skin, and nervous system. The \_\_\_\_\_ layer forms into the organs like the heart and lungs. The \_\_\_\_\_ layer forms the digestive system. This ball travels through the tube called the \_\_\_\_\_. It connects the ovary to the \_\_\_\_\_ or womb. The ball soon attaches itself to the uterus wall and its cells start to differentiate into different tissue types. It is now considered to be an \_\_\_\_\_. This stage lasts about three weeks and the baby starts to form recognizable human features. It is now considered a \_\_\_\_\_. A sac of fluid surrounds the baby called the \_\_\_\_\_ sac. The \_\_\_\_\_ cord connects the baby to the mother's \_\_\_\_\_. This is where nutrients and other materials are exchanged between the mother and the baby. The baby develops for 9 months and then the process of \_\_\_\_\_ occurs.

The three stages of birth are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_. During \_\_\_\_\_ strong muscle \_\_\_\_\_ begin. At first they are mild and far apart. As the birth event nears they get \_\_\_\_\_ and closer together. This helps enlarge the \_\_\_\_\_, the opening between the uterus and the \_\_\_\_\_ or birth canal. Usually the baby is pushed out head first during the \_\_\_\_\_. It still has the \_\_\_\_\_ cord attached, which is cut. Muscle contractions continue and about 15 minutes later the \_\_\_\_\_ is pushed out of the mother's body.

On occasion twins are born. \_\_\_\_\_ twins are produced when a single zygote splits to form two embryos with the identical copies of DNA. \_\_\_\_\_ twins are formed when 2 eggs are released into the oviduct and each egg is fertilized with a different sperm.

The first year of life is one of rapid growth. The baby is considered an \_\_\_\_\_. The body grows to catch up with the head. The new born may walk in about 10 months. The next stage of the cycle is \_\_\_\_\_. It lasts from about 2 to 11 years. The child grows and learns. At around age 11, earlier for girls than boys, changes occur in the human body that get it ready for reproduction. This stage is called \_\_\_\_\_. It is a difficult time where physical, mental, and social changes occur. After which the person becomes an \_\_\_\_\_ capable of producing gametes and continuing the cycle.