

Human Development

Recall that if a sperm and egg fuse, they form a **zygote**, the first single diploid cell of a new organism. The zygote then undergoes a series of cell divisions so that 6-10 days later when it implants in the uterus it is called an **embryo**. At 8-9 weeks it begins to form its first bone cells and at this time is considered a **fetus**.

Below is a list of developments that happen over the 9-month period of human development. Begin by predicting which month each of the following takes place in, then use a combination of your text book, pages 95 - 98, and the internet, to verify your predictions. Don't forget to write down the source you got your answers from.

- A. Weighs a pound
- B. Measures 7 mm in length
- C. Teeth are formed
- D. Nervous system is formed
- E. Heart is beating
- F. Genitals are formed
- G. All organs are well formed but are not completely developed
- H. Can open eyes
- I. Will survive if born prematurely
- J. A sperm fertilizes and egg to form a zygote
- K. The embryo is 64 cells big
- L. The cartilage of the skeleton begins to transform into bone
- M. Heart is developed
- N. Can hiccup
- O. Covered in fine hairs
- P. Arms and legs move; has developed a sucking reflex

Q. Now growing quickly, and organs are rapidly starting to function

R. Full-term and ready to be born

	I predict	I checked it out	Sources of Information
1 st month			
2 nd month			
3 rd month			
4 th month			
5 th month			
6 th month			
7 th month			
8 th month			
9 th month			