

## In the Womb View Guide

1. The sperm is the \_\_\_\_\_ cell in the human body for males.
2. \_\_\_\_\_ is where the women's egg awaits. The egg is the largest cell in the body.
3. The genetic code is stored in these bundles (thread-like structures) called \_\_\_\_\_. These thread-like structures are made up of DNA.
4. The sex of the child is determined by the father, on the \_\_\_\_\_ chromosome.
5. A few days after conception, the tiny ball of dividing cells is now called the \_\_\_\_\_ and travels along the fallopian tube towards the uterus.
6. The \_\_\_\_\_ in the blastocyst will become the placenta---the life support system.
7. The \_\_\_\_\_ in the blastocyst will become the embryo.
  - a. At this state the inner cells are called \_\_\_\_\_.
8. During the third week, the embryonic ball folds and forms the \_\_\_\_\_. The top of the tube is the head and the trunk is on the bottom.
9. \_\_\_\_\_ cells form on day 15.
10. One of the first organ to form is the \_\_\_\_\_ (and after 22 days a single cell jolts) and all other cells begin to be in perfect unison.
11. After 8 weeks the embryo is known as a \_\_\_\_\_ --or an offspring.
12. The \_\_\_\_\_ generates the nutrients and blood cells for the embryo during the first few weeks, but then shrivels away.
13. The \_\_\_\_\_ is embedded to the wall of the uterus and the end of the umbilical cord. It is the fetus' life-support center.
14. The placenta can filter out harmful substances but it can't stop everything:  
\_\_\_\_\_.
15. In the 9<sup>th</sup> week the whole body starts to twitch, but the \_\_\_\_\_ is not controlling the movement. The nerves are still growing.

16. \_\_\_\_\_ aren't known to cause any harm to fetus but can help identify risks for fetus.
17. A \_\_\_\_\_ action is a pre-programmed biological impulse. (e.g., the stepping reflex occurs at about 11 months).
18. A miscarriage typically occurs in the \_\_\_\_\_ trimester and may be mistaken for a heavy period.
19. After \_\_\_\_\_ months her (fetus) movements are being increasingly controlled by the brain.
20. The \_\_\_\_\_ extends from the brain and connects to most parts of the body (e.g. heart is beating at a steady rate of 140 to 150 beats per minute).
21. From 4 months on, she is becoming sensitive to touch, making more intricate movements.
22. At \_\_\_\_\_ weeks (and as early as 15 weeks) the mother becomes aware of movement for the first time.
23. At \_\_\_\_\_ weeks (as early as 18 weeks) the fetus will open her eyes—the first sign of the blinking reflex.
24. At \_\_\_\_\_ weeks, it is possible for a baby to be born and still have a chance to survive—also known as the age of viability.
25. But, nearly \_\_\_\_\_ of all babies born before 26 weeks develop developmental disabilities or learning difficulties.