

Watch the Video and fill in the blanks:

The Ultimate Guide to Pregnancy (49:58)

<https://www.youtube.com/watch?v=Pgh7--1MVbo>

Fill in the Blank:

1. This video states that our chromosome and genes are almost _____.
2. The video states that reproduction is both _____ and _____.
3. The entrance to the woman's reproductive system is the _____.
4. Many sperm perish in the _____ climate of the vagina.
5. The sperm must swim an equivalent of _____ miles to reach the egg.
6. A sperm reaches the egg by _____ its tail.
7. Only _____ sperm can fertilize the egg.
8. The instant one sperm penetrates the "egg shell", the race is over and the exterior _____.
9. The nucleus of the egg and sperm join together inside the _____ almost a day later.
10. Together the egg and sperm create the very _____ from which a new person will be made.
11. You have _____ chromosomes from your father and you have _____ chromosomes from your mother.
12. Inside the nucleus of the egg and sperm is a _____, a capsule containing the 23 chromosomes on which the DNA code is written.
13. The video states, "Only two cells and the future baby's _____, _____ and even potential _____ are already determined."
14. The tiny clump of cells is pushed by finger-like _____ through the fallopian tubes toward the uterus.
15. At _____ cells the cell clusters begins its transformation.
16. The neural tube will become the _____ and the _____.
17. By the end of the _____ week, the head and the tail portion of the tube fuse completely and a _____ starts to form.

18. Until the placenta develops, a _____ provides nourishment for the first weeks.
19. The embryo sends _____ signals and mother's body prepares to nurture.
20. A critical point during embryogenesis is the point when all of the _____ are signaled to begin developing.
21. The _____ is the organ that develops first.
22. Not long after the heart begins to develop, the _____ starts growing.
23. Each _____ takes its cue from nature's strict and graceful choreography.
24. The yolk sac, no longer needed for nourishment, becomes the baby's _____ cell factory.
25. The _____ keeps the mother's and baby's blood streams apart.
26. The _____ links the embryo to the placenta.
27. At _____ weeks, tiny limb buds emerge.
28. Increases of _____ and _____ hormones cause morning sickness.
29. Some of the changes in the breast that change in the beginning and continue during the rest of the pregnancy are increased _____ of the actual cells of the breast.
30. The individual uterine _____ cells increase in size and number during pregnancy.
31. The uterus, between _____ weeks goes from a pelvic organ to an abdominal organ.
32. Between _____ weeks after conception the eyelids close.
33. _____ new nerve cells are created every minute.
34. The fetus depends on the mother's _____ to supply the raw materials for healthy growth.
35. The mother will require about _____ to _____ extra calories a day during pregnancy.
36. What _____ the mother, doubly _____ the fetus.
37. A pregnant mother never _____ alone. She shares any alcohol she consumes with her fetus.

38. _____ begins long before birth as the mother-to-be creates a healthy environment.
39. _____ is determined at the moment of conception but it takes nearly 20 weeks before it can be recognized.
40. By the 24th week virtually all of the mother's organs have been _____.
41. At 24 weeks, the fetus is covered in a furry coating, called _____.
42. The skin bears a waxy coating called _____. It protects the fragile fetal skin from the amniotic fluid and infection.
43. _____ contractions are irregular and are not as intense as those of true labor.
44. At 26 weeks, the growing fetus is starting to learn the sound of the mother's _____.
45. The brain busily twists and folds miles of _____ into a wriggly maze.
46. Pregnancy hormones make the mother's _____ more efficient, bringing in _____% more air, oxygenating more blood.
47. To prepare for life outside the womb, the cells lining the air sacs of the lungs begin to produce a substance called _____. It keeps the air sacs inflated.
48. The mother at 36 weeks in the video states, "The last couple of weeks of pregnancy are an _____."
49. Some of the signs that you will know that you are in labor are _____ contractions.
50. There are _____ stages of labor.
51. The first stage of labor is from when the initial strong contractions start until when the cervix is dilated _____.
52. The second stage of labor is the _____ stage.
53. The third stage of labor is from the delivery of the baby to _____ of the _____.
54. Each time the uterus contracts, the baby's world shrinks and the _____ and _____ compress.

55. To pass through the narrowest part of the pelvis, the baby, guided by the muscles of the birth canal turns its head _____ to align with the pelvic inlet.
56. The _____ opening gets larger as the baby approaches.
57. For nine months, mother and child share an incredible _____.