

Name _____

Date _____

Class _____

Life's Greatest Miracle Qs

1. Each day this many human babies are born.
2. An average adult human contains how many cells?
3. What does the video say is the "fundamental urge" for all life?
4. What risk is there for a species that only reproduces by cloning?
5. An average adult male produces how many sperm each second?
6. What is the name of the process used to make sperm cells and egg cells?
7. How many chromosomes are there in a human body cell?
8. When the chromosomes "embrace" what happens to the genes?
9. Why is it advantageous to have diversity within a species?
10. When does a female produce her eggs?
11. How many eggs does the average human female release per month?
12. What is an egg missing that it needs to survive?
13. Approximately how many sperm are released into the vagina?
14. What danger do sperm face in the vagina?
15. What does the sperm need in order to penetrate the egg's zona?

16. How long after fertilization does the first division of the zygote occur?
17. If the dividing zygote accidentally separates into two what is the result?
18. How long after fertilization does it take for the blastocyst to arrive in the uterus?
19. After it attaches to the uterus, what risk does the blastocyst face?
20. Define gastrulation?
21. Of the 3 layers of cells, what will the lower layer of cells develop into?
22. Of the 3 layers of cells, what will the middle layer of cells develop into?
23. Of the 3 layers of cells, what will the outer layer of cells develop into?
24. How do cells communicate with each other?
25. When does the fetus begin to hear sound?
26. What is the main job of the fetus during the last trimester?