

Life's Greatest Miracle Video

Name: _____

Date: _____

1. Why would it be a problem if all humans were clones and shared the exact same DNA?
2. How many new sperm are produced every day?
3. How many chromosomes do you receive from your mother? Father? What make each sperm cell and egg cell unique?
4. According to the movie, approximately how many sperm are ejaculated? What percentage of those sperm are 'less than perfect'?
5. Why is the sperm in danger in the vagina?
6. What changes in the cervix during ovulation that allows the sperm to pass through it?
7. How many fertilized eggs fail to develop?
8. The blastocyst divides into 3 layers. What are the structures formed by each of these 3 layers?

9. How many weeks before doctors can make out the sex of the baby?

10. Two months after fertilization occurs, the embryo is now known as a _____.

11. What is the first organ that is fully functional in the embryo? Why do you believe that is the case?