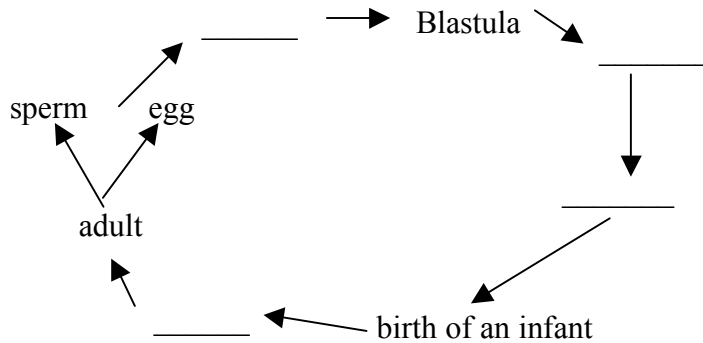


# 16.3 Pregnancy, Birth, and Childhood

date \_\_\_\_\_

Last Name \_\_\_\_\_ First \_\_\_\_\_ period \_\_\_\_\_

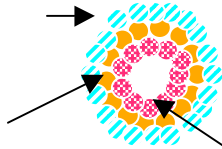
1. Complete the diagram of the stages of the **human life cycle**.



2. Define the **zygote** \_\_\_\_\_

3. Define the **blastula** \_\_\_\_\_

4. Label and describe the three **layers of the blastula**.



5. Define **embryo**. \_\_\_\_\_

6. Describe the **embryo environment**.

- a. How is the embryo attached? \_\_\_\_\_
- b. What surrounds and protects the embryo? \_\_\_\_\_
- c. What links the embryo to the mother? \_\_\_\_\_
- d. What links the embryo to the placenta? \_\_\_\_\_

7. What **materials** are **exchanged** between the mother and the embryo?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

8. Complete the table: **Embryo Becomes a Fetus**

TIME TABLE	DESCRIPTION	MASS
3 weeks into the 1 <sup>st</sup> trimester		
2 <sup>nd</sup> trimester		

3 <sup>rd</sup> trimester		
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9. Name the three **stages of birth** .
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  
10. Describe **labor**.
  - a. Muscles: \_\_\_\_\_
  - b. Cervix: \_\_\_\_\_
  - c. Time Between Muscle contractions: \_\_\_\_\_
  - d. How long can labor last? \_\_\_\_\_
  
11. Describe **delivery**.
  - a. How is the baby positioned? \_\_\_\_\_
  - b. How does the baby get out of the mother’s body? \_\_\_\_\_
  - c. What is still attached and needs to be cut soon after delivery? \_\_\_\_\_
  - d. What event happens about 15 minutes after the baby is delivered? \_\_\_\_\_
  
12. Describe the baby’s **reaction to the birth** event?
  - a. endocrine system : \_\_\_\_\_
  - b. Heart rate: \_\_\_\_\_
  - c. Lungs: \_\_\_\_\_
  
13. Compare and contrast **identical twins and fraternal twins**.
  - a. ratio of twin births \_\_\_\_\_
  - b. ratio of triplet births \_\_\_\_\_
  - c. How identical twins form \_\_\_\_\_
  - d. How fraternal twins form \_\_\_\_\_

14. Complete the table: **Infancy**

TIME LINE	DESCRIPTION
1- 3 months	Body grows to catch up with head. Eyes begin to focus on faces.
3 – 6 months	
7– 8 months	
9 – 12 months	

15. How long does **childhood** last? \_\_\_\_\_
16. Describe the changes that happen during childhood.