

Biology test for chapter 10

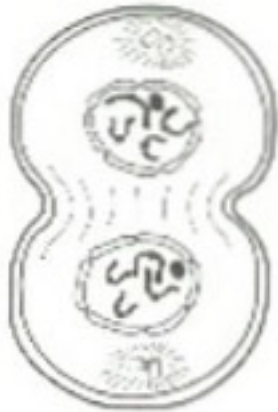
Name \_\_\_\_\_

Date \_\_\_\_\_

1. How many chromosomes do humans have? \_\_\_\_\_

2. Label each phase of mitosis:

**STRUCTURES AND FUNCTIONS** In the spaces provided below, label each figure with the phase of mitosis that it represents.



a \_\_\_\_\_



b \_\_\_\_\_



c \_\_\_\_\_



d \_\_\_\_\_

3. How does a zygote grow and develop into organism (name the process)? \_\_\_\_\_

4. Which is the shortest phase of the cell cycle?

\_\_\_\_\_

5. What are the male sex cells called? \_\_\_\_\_ 6. What are the female sex cells called? \_\_\_\_\_
7. What is fertilization? \_\_\_\_\_
8. How many cells are formed at the end of meiosis? \_\_\_\_\_
9. How many chromosomes are found in a human gamete? \_\_\_\_\_
10. How many chromosomes are found in a human zygote? \_\_\_\_\_
11. What is a chromosome made of? \_\_\_\_\_
12. TRUE OR FALSE - Daughter cells are different from their parent cells? \_\_\_\_\_
13. Draw and label the complete cell cycle.