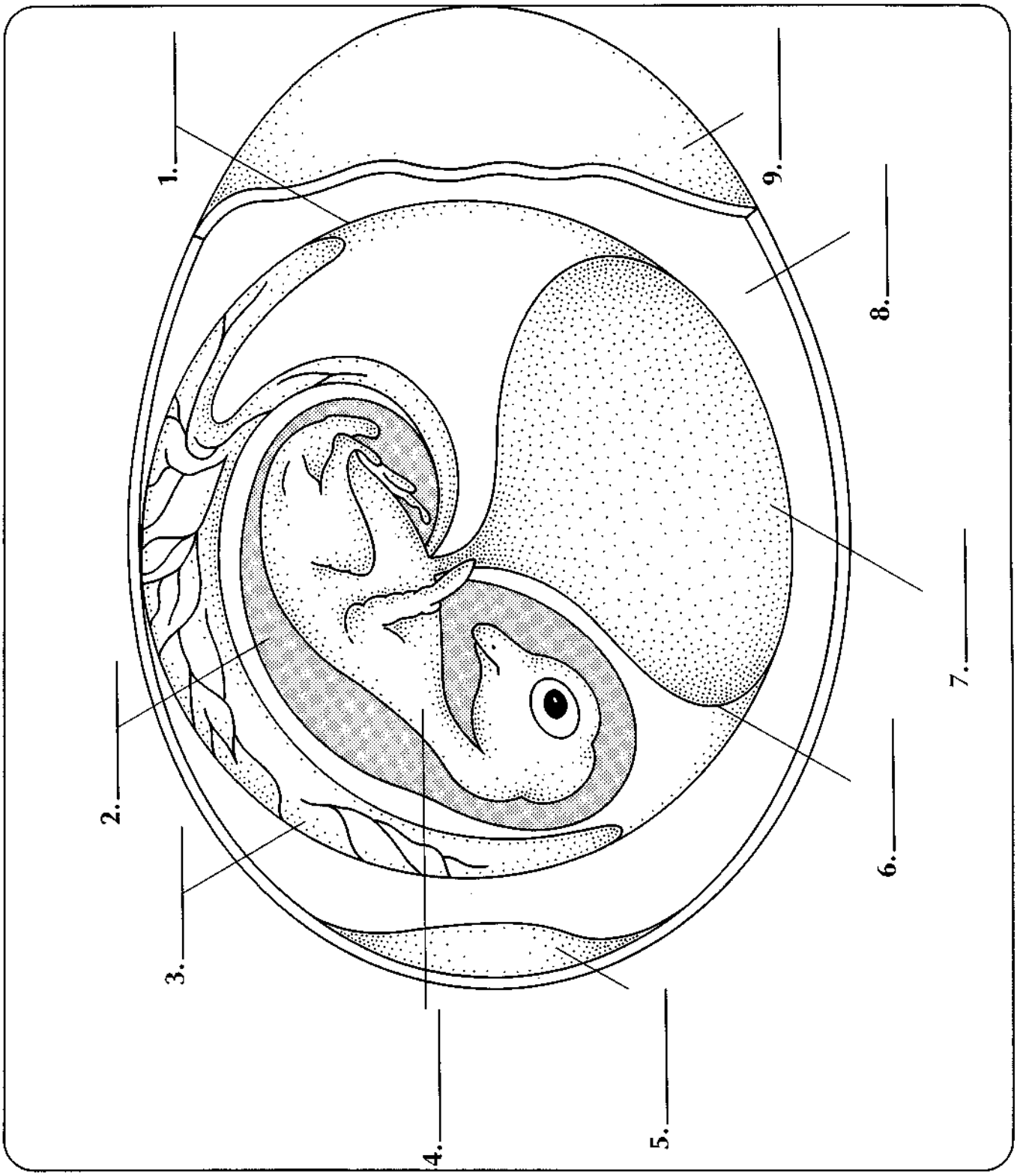
Name _____ Date _____

OVERHEAD TRANSPARENCY MASTER

CHAPTER 22

Internal Structure of the Chicken Egg



Name _____ Date _____

CHAPTER REVIEW

CHAPTER 22

Know the Terms

Match the part of the bird egg with its function.

a. amniotic fluid
b. chorion
c. allantois
d. shell
e. albumin
f. yolk sac
g. air space
h. amnion

1. aids in gas exchange — 1. _____
2. contains amniotic fluid — 2. _____
3. collects metabolic wastes — 3. _____
4. hard protective covering — 4. _____
5. contains food source — 5. _____
6. cushions embryo — 6. _____
7. protein supply — 7. _____

Complete the following paragraph, using the list of words below. You may use a word more than once.

blastula	placenta	ectoderm	cleavage
gastrulation	zygote	morula	mesoderm
sperm	blastocoel	fertilization	endoderm
gastrula	ovum	neural tube	differentiation

A male gamete, the (8) _____, combines with a female gamete, the (9) _____, in a process called (10) _____, which results in a (11) _____. This structure begins a series of cell divisions, known as (12) _____. Eventually a solid ball of cells, called (13) _____, forms. As mitosis continues, the ball becomes hollow. It is now called (14) _____. The cavity in the center is the (15) _____. This structure continues to grow and divide and goes through the process of (16) _____ to become a (17) _____. This has three cell layers, the outer layer, or (18) _____, the inner layer, or (19) _____, and the (20) _____. These cell layers then undergo (21) _____, or specialization, to become the various tissues of the body.

8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____