

VERTEBRATE REPRODUCTION QUESTIONS/SUMMARY

1. For the following organisms think about some of the main developmental stages/processes listed below. You may not have covered each stage or process in each organism, therefore, pay particular attention to how this material has been presented in lab or lecture.

Fertilization → Blastula → Gastrulation → Gastrula → Neurulation → Neurula

- a) *Drosophila* (development lectures)
- b) Sea urchins (fertilization and early cleavage in lab)
- c) *Xenopus*
- d) Chickens
- e) Rats

2. What sort of gradients might play a role in the regulation of development?

3. List three differences between protostomes and deuterostomes.

Protostomes	Deuterostomes
1)	
2)	
3)	