

**Good Review:** pp. 280 questions 1-12

1. cleavage
2. morula
3. early-late gastrula
4. ectoderm
5. endoderm (archenteron)
6. notochord
7. land animals
8. circulatory and nervous systems
9. yes
10. fetal development
12. During embryonic development, the influence of one group of cells on another group of cells. For example, the development of the notochord is essential for the development of all other organs and tissues in the body due to the location of these cells. There seems to be an inducer or organizer that carries out how a cell divides and what kind of organ it may “become”. This inducer releases one or more chemicals that orchestrate the development of the rest of the body.