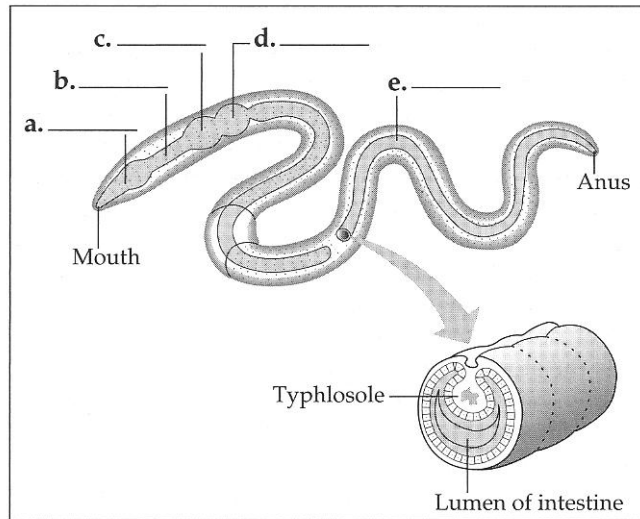


Mr. Gunther
 AP/IB Biology 2
 Chapter 41 Animal Nutrition

1. How might the human craving for fatty foods, which is helping to fuel the obesity crisis, have evolved through natural selection?
2. How can vegetarians avoid protein deficiencies?
3. What are RDAs?
4. Why must macromolecules be digested into monomers?
5. Label and list the functions for the five organs of an earthworm's digestive tract. What is the function of the typhlosole?



6. List the two types of macromolecules that have been partially digested by the time acid chyme moves into the intestine. Where did this digestion take place, and what enzymes were involved?
7. List the enzymes that hydrolyze the following macromolecules in the small intestine: polysaccharides, polypeptides, DNA and RNA, fats.
8. Compare and contrast the dentition and alimentary canals of carnivores and herbivores.
9. Label the indicated structures in this diagram of the human digestive system. Give a brief description of their functions.

