Name this organism.
tapeworm
Name the phylum
Platyhelminthes
Name the class.
Cestoda
Distinguishing Characteristics.
Acoelomate
Triploblastic
Hermaphrodite
Dorsoventrally Flattened
Cephalization
Definite Head
Parasitic?
Yes! They are adapted to a parasitic lifestyle in that they have lost their digestive systems.
A tapeworm’s head region called a ?
Scolex
Tapeworms consist of a series of body sections called?
Proglottids
Each proglottid comes complete with its own?
Ovaries, testes, uterus and genital pore
Tapeworms are not truly segmented in the way that the annelid worms are.
These sections called proglottids are strictly for what function?
Reproduction: they are structures that maximize the parasite’s ability to make, mature and disseminate fertilized eggs.
Function of proglottids?
It enhances the reproductive strategy of parasites, and it maximizes the number of offspring that get into the next generation.