

Key to Invertebrates

1. The organism is:
 - a. Sessile.....go to 2
 - b. self-mobile.....go to 3

2. The organism exhibits:
 - a. radial symmetry.....Cnidaria
 - b. asymmetry.....Porifera

3. The organism exhibits:
 - a. radial symmetry with a jelly-like body.....Cnidaria
 - b. radial or bilateral symmetry with firm body.....go to 4

4. The organism is:
 - a. small, flat, lacks a coelom and moves with a gliding or undulating motion.....Platyhelminthes
 - b. "thick", has a coelom or pseudocoelom.....go to 5

5. The organism is:
 - a. worm-like (long and thin).....go to 6
 - b. not worm-like.....go to 7

6. The organism:
 - a. exhibits segmentation.....Annelida
 - b. is not segmented, and moves by thrashing side to side.....Nematoda

7. The organism:
 - a. has jointed appendages.....Arthropoda
 - b. does not have jointed appendages.....go to 8

8. The organism:
 - a. has tube feet.....Echinodermata
 - b. does not have tube feet.....go to 9

9. The organism:
 - a. has a muscular foot that is sometimes modified into tentacles or other structure used in movement.....Mollusca