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| **PHYLUM PORIFERA**  Image result for clipart of sponges | * “pore bearers” * asymmetrical * sessile * filter feeders * can reproduce asexually by budding and sexually by producing both sperm and eggs (hermaphrodites) |
| **PHYLUM CNIDARIA**  Image result for clipart of cnidarian | * radial symmetry * stinging cells * two tissue layers (both endoderm and ectoderm) * one body opening |
| **PHYLUM PLATYHELMINTHES**  Image result for clipart of platyhelminthes | * bilateral symmetry * three tissue layers (endoderm, ectoderm, mesoderm) * asexual reproduction by regeneration and sexually by producing sperm and eggs (hermaphrodites) * one body opening * worms that are completely flat |
| **PHYLUM NEMATODA**  Image result for clipart of nematoda | * bilateral symmetry * roundworms * 2 body openings * all members are parasitic * hookworms, pinworms |
| **PHYLUM ANNELIDA**  Image result for clipart of annelida | * bilateral symmetry * segmented worms * 2 body openings * first group to have a coelom (body cavity) |
| **PHYLUM MOLLUSCA**  Image result for clipart of mollusca | * characterized by a muscular foot * bilateral symmetry * may have an internal or external shell |
| **PHYLUM ARTHROPODA**  Image result for clipart of arthropoda | * jointed appendages * exoskeleton * must molt to grow * bilateral symmetry |
| **PHYLUM ECHINODERMATA**  Image result for clipart of echinodermata | * spiny skin * radial symmetry * endoskeleton * water vascular system * asexual reproduction by regeneration and sexual reproduction by producing |