The Animal Phyla

Animal kingdom

Sponges

No spine
Simplest animals
Filter feeders

Cniderians

No spine
Have stinging cells
Used to be called coelenterates
Ex. jellyfish, coral

Flatworms

No spine
Have a flat body shape
Most are parasites

Ex. tapeworm, fluke

Roundworms

No Spine
Round body shape
Most are parasites

Ex. trichina, ringworm

Segmented worms

No spine
Body divided into segments

Ex. earthworm, leech

Mollusks

No spine
Soft body hard shell
Ex. (outer) snail, clam
Ex. (inner) octopus, squid

Arthropods

No spine
Jointed legs and segmented body
Have an exoskeleton
Ex. bugs, crabs

Echinoderms

No spine
Have rough, spiny skin
Most can regenerate

Ex. starfish, sea urchin

Chordates

Have a spine
Most complex animals
Have an endoskeleton

Ex. you, dogs, cats

Remember:
bones = endoskeleton = chordate