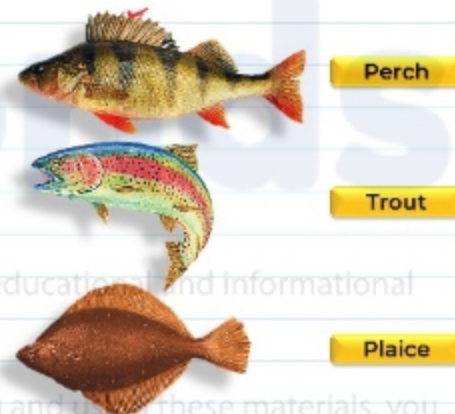
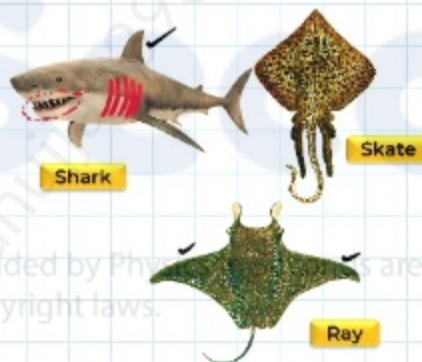
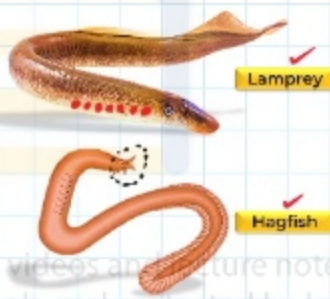


## CLASS PISCES

Sunday, August 6, 2023 11:58 AM

- Aquatic vertebrates
- Respiration → Gills
- Largest group → 48%
- Number of species → 29000
- 3- Subclass → Division

	Character	Class Cyclostomata	Class Chondrichthyes	Class Osteichthyes
1	Mouth	Jawless, circular mouth ✓	Mouth is ventral ✓	Jaws may be with or without teeth.
2	Body	Long, eel like ✓	Streamlined bodies ✓	Fusiform ✓
3	Scales	Without scale ✓	Placoid scales ✓	Ganoid, ctenoid ✓
4	Fins	Lack paired fins	Having paired fins	Median fins i.e. dorsal fin, anal fin, caudal fins and paired fins i.e. pectoral and pelvic fins
5	Swim bladder	No	No	Present ✓
6	Pair of gills	Seven pairs of gills ✓	5-7 pairs of gills ✓	14 pairs ✓
7	Operculum	No	Not	Present
8	Skeleton	Fibrous cartilage	Cartilage <i>Cartilaginous Fish</i>	Bony <i>Bony Fish</i>
9	Circulatory system	Simple	Many pairs of aortic arches	An auricle and ventricle
10	Sexes	Separate, viviparous <i>Birth</i>	Separate, hermaphrodite	Separate, Ovo-viviparous and viviparous
11	Fertilization	External	External	External
12	Examples	Petromyzon marinus (lamprey) Maxine glutinosa (hag fish).	sharks, rays, skates and chimaeras.	Perch, trout



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