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| **Across****3.** system of sense organs found in aquatic vertebrates, used to detect movement, vibration, and pressure gradients in the surrounding water**8.** protective coloration of some animals in which parts normally in shadow are light and those exposed to the sky are dark**9.**  appearing outwardly symmetrical but with the backbone passing into the upper lobe**11.** having many tiny projections on the edge like the teeth of a comb**13.** popularly referred to as the bony fish, is a diverse taxonomic group of fish that have skeletons primarily composed of bone tissue, as opposed to cartilage.**15.** whiskerlike sensory organ near the mouth**16.** a gas-filled sac present in the body of many bony fishes, used to maintain and control buoyancy. | **Down****1.** hard and bony with a shiny enamellike surface**2.** iridescent greenish from included guanine**4.** flattened appendage on various parts of the body of many aquatic vertebrates and some invertebrates, including fish and cetaceans, used for propelling, steering, and balancing**5.** cell or plastid that contains pigment**6.** dorsal, caudal, and anal fins**7.** the pectoral and ventral fins**10.**  vertebrae extending from the skull to the small of the back**12.**  traced by a point on a circle being rolled along a straight line**14.** thin horny or bony plates protecting the skin of fish and reptiles |