

Fish or Not-a-Fish?

Fish come in many different shapes, sizes and colors, but they have a few things in common. Most fish have: **scales**, **eyes**, **fins**, a **mouth**, **gill slits**, and a **backbone**.

Directions

Take a look at the following 16 pictures. Some of the animals are fish and some are not fish. Circle the ones that you think are fish and draw an X through the ones that you think are not fish. Answers are on page 4.

1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16



Answers

#	Species	Fish?	Notes
1	Rockfish	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
2	Hawksbill sea turtle	no	Reptile! No gills. Does have a backbone, eyes, a mouth, fins, and scales.
3	Maroon clownfish	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
4	Cownose ray	YES	The "wings" are its fins. They have gills on their underside.
5	Dolphin	no	Mammal! No scales or gills. Does have a backbone, eyes, a mouth, and fins.
6	Reticulate boxfish	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
7	Coconut octopus	no	Invertebrate! No backbone, fins, or scales. Does have eyes, a mouth, and gills.
8	Lionfish	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
9	Leafy seadragon	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
10	Sea nettle (jelly)	no	Invertebrate! No backbone, eyes, gills, mouth, fins, or scales.
11	Moray eel	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
12	African penguin	no	Bird! No scales or gills. Uses wings as flippers. Breathes air.
13	Scuba diver	no	Human! No fins, scales, or gills. Notice the air tank on her back.
14	Pyjama shark	YES	Has a backbone, eyes, a mouth, fins, scales, and gills.
15	Bat star	no	Invertebrate! No backbone, eyes, fins, gills, or scales.
16	Humpback whale	no	Mammal! No gills or scales. Does have a backbone, eyes, a mouth, and fins.