

	lives in the water, has a long tail, and breathes with gills.		
Lamprey	This animal is found in the ocean. This animal has a cartilaginous backbone, no jaws, and many gill openings. It does not have scales or side fins. It is cold-blooded and lays eggs.		
Hagfish	This animal is found in the ocean. It has a very primitive cartilaginous backbone, no jaws, no eyes, and no scales or fins. It has many gill openings. It is cold-blooded and lays eggs.		
Whale	This animal is found in the ocean. It has a bony backbone. It must breath air. It has fins, but no scales. It has hair. It is warm-blooded, and it gives birth to live young.		

Activity Questions

1. As you developed your group definition of a fish in Step 2,
 - a. what ideas did your group have that you had not thought of?
 - b. how did you change your mind about your original definition?
2. Describe how your definition of a fish changed as you worked through Table 4.1.
3. Why do you think it is so challenging to define what a fish is?
4. Why do you think that some animals are called fish when they are not really a fish, for example, jellyfish?
5. Give your best definition of a fish.