## **Traits and Groups**

1.	Choose one of the following organisms:
	• Dolphin
	• Lamprey
	• Snail
	• Penguin
2.	Consider the organism groups listed below. Make a claim about the most specific group (least inclusive) that your organism belongs to.
	• Animals: Multicellular; eat other organisms for food; no cell walls
	• Vertebrates: Most have a backbone or spinal column; spinal cord; top of spinal cord becomes a brain
	• <b>Mammals:</b> Vertebrates with hair; breathe air; four-chambered hearts; generate heat internally; females make milk
	• Reptiles: Vertebrates with dry scales; lungs; eggs with many membranes (amniotic egg)
	• Fish: Vertebrates with gills; paired fins; scales; aquatic
	• <b>Birds:</b> Reptile-like vertebrate; feathers; generate heat internally; two legs covered in scales; two wings
3.	Support your claim with evidence.
	I claim that the organism belongs to the group
	My evidence is
4.	Explain your scientific reasoning. Use science ideas about traits and scientists' ways of grouping organisms to link your evidence to your claim.