

Using the cladogram above, fill in the table.

Why criteria did you use to determine this?

	vertebrae	Bony skeleton	Four limbs	Amniotic egg	2 skull openings	hair
Shark						
Tuna						
Frog						
Human						
Hare						
Caiman						
parrot						

What do nodes	1-6 represent?	derived trait	comm	common ancestor						
What are the tr	aits that are shared	by the human,	hare, caiman and p	arrot?						
vertebrae	bony skeleton	four limbs	amniotic egg	2 skull openings	hair					
What are the tr	aits that are NOT sh	nared by the hur	nan, hare, caiman	and parrot?						
vertebrae	bony skeleton	four limbs	amniotic egg	2 skull openings	hair					
What trait is co	mmon to all of thes	e organisms?								
vertebrae	bony skeleton	four limbs	amniotic egg	2 skull openings	hair					
What is the mo	st recent common a	ancestor of the h	numan and the har	e?						
What is the most recent common ancestor of the human and the caiman?										
Would it matter if the hare and the human swapped places? yes no										
Which organism	ns have amniotic eg	gs?								
shark	tuna frog	human	hare caimai	n parrot						
In this cladogra	m is there an outgro	oup? yes	no							
Which organisms are more closely related? frog and the tuna the shark and the frog?										

