	media cabeza						
	vertices	coordenadas			cara	vertices	
	v0	0,0.27,55.72			f1	30, 29,31	
	v1	0,-8.61,49.85			f2	30,31,0	
	v2	0,-13.18,43.11			f3	0,32,31	
	v3	0,-12.99,37.49			f4	31,29,61	
	v4	0,-12.79,31.85			f5	31,91,61	
	v5	0,-13.01,29.69			f6	31,91,32	
	v6	0,-15.36,27.38			f7	32,91,32	
	v7	0,-17.59,24.81			f8	32,91,62	
	v8	0,-20.8,20,5			f9	62,32,63	
	v9	0,-15.98,17.73			f10	63,33,32	
	v10	0,-16.62,14.69			f11	32,0,33	
	v11	0,-15.98,11.62			f12	0,33,1	
	v12	0,14.58,11			f13	1,33,2	
	v13	0,-11.18,15.46			f14	2,34,33	
	v14	0,-3.88,10.53			f15	33,63,34	
	v15	0,11.21,6.2			f16	34,64,63	
	v16	0,-17.25,7.19			f17	63,64,94	
	v17	0,-17.76,4.63			f18	94,63,93	
	v18	0,-14.91,4.53			f19	93,63,62	
	v19	0,-14.85,0.28			f20	62,93,92	
	v20	0,12.72,3.16			f21	92,62,91	
	v21	0,-9.5,-2.83			f22	91,92,125	
	v22	0,-0.3,-1.96			f23	125,92,142	
	v23	0,12.49,1.59			f24	142,92,126	
	v24	0,23.08,7.56			f25	126,92,93	
	v25	0,29.68,16.08			f26	93,94,126	
	v26	0,33.21,26.54			f27	142,125,124	
	v27	0,31.83,36.28			f28	124,125,90	
	v28	0,29.26,42.85			f29	90,125,91	
	v29	0,22.6,52.87			f30	90,91,61	
	v30	0,9.67,56.69			f31	61,90,60	
					f32	61,29,60	
	v31	-6.68,10.36,55.96			f33	29,60,26	
	v32	-5.83,1.07,55.02			f34	28,60,59	
	v33	-3.33,-8.54,49.83			f35	59,60,90	
	v34	-2.28,-14.97,38.34			f36	89,90,59	
	v35	-2.94,-14.42,35.45			f37	59,58,27	
	v36	-1.89,-11.46,31.28			f38	27,28,59	
	v37	-1.90,-11.53,29.06			f39	27,26,58	
	v38	-2.6,-14.06,27.19			f40	58,59,88	
	v39	-3.59,-15.85,24.54			f41	88,59,89	
	v40	-4.06,-19.49,20.71			f42	89,88,123	
	v41	-4.61,-15.02,18.92			f43	124,89,123	
	v42	-4.59,-15.58,15.06			f44	123,124,141	
	v43	-4.58,-14.8,11.21			f45	142,124,141	
	v44	-4.54,-13.59,10.47			f46	142,141,143	
	v45	-4.34,-10.28,14.58			f47	143,126,127	
	v46	-5.16,-2.47,11.64			f48	127,143,144	
	v47	-4.22,-10.53,7.4			f49	127,126,94	
	v48	-5.16,-15.9,7.55			f50	94,127,128	
	v49	-5.47,-16.34,4.69			f51	128,127,144	
	v50	-4.55,-14.53,3.61			f52	v144,v128,v129	
	v51	-6.6,-16.58,0.93			f53	129,144,143	
	v52	-6.56,-12.36,-4.39			f54	143,129,130	
	v53	-6.56,-10.19,-4.05			f55	130,143,131	
	v54	-4.4,-0.3,-1.96			f56	131,143,145	
	v55	-6.21,12.83,2.7			f57	145,131,146	
	v56	-5.85,23.08,9.28			f58	145,143,141	
	v57	-7.12,28.49,17.09			f59	141,145,139	
	v58	-7.93,31.79,26.43			f60	139,140,141	
	v59	-8.87,30.69,35.92			f61	141,140,123	
	v60	-7.91,27.43,43.45			f62	123,140,122	
	v61	-6.56,21.78,52.01			f63	122,123,88	
					f64	88,122,121	
	v62	-11.28,2.3,52.23			f65	121,88,87	
	v63	-7.95,-7.8,48.28			f66	87,88,58	
	v64	-6.86,-14.49,36.82			f67	58,87,57	
	v65	-6.62,-14.66,34.32			f68	57,58,25	
	v66	-6.12,-11.76,32.8			f69	25,26,58	
	v67	-4.52,-10.77,32.33			f70	25,24,56	
	v68	-3.33,-10.47,30.38			f71	56,57,25	

	v69	-3.49,-10.42,28.73		f72	55,56,24	
	v70	-3.13,-10.55,27.33		f73	24,23,55	
	v71	-3.62,-10.9,24.71		f74	55,54,23	
	v72	-3.95,-11.61,21.46		f75	23,22,54	
	v73	-9.75,-12.06,12.11		f76	54,21,22	
	v74	-8.51,-12.92,10.2		f77	21,54,53	
	v75	-8.21,-11.73,9.88		f78	53,21,20	
	v76	-7.98,-8.98,11.1		f79	20,19,52	
	v77	-8.3,-8.88,9.4		f80	52,53,20	
	v78	-8.57,-11.88,-9.4		f81	52,19,51	
	v79	-9.96,-12.3,9.37		f82	51,19,50	
	v80	-10.53,-11.28,8.87		f83	50,18,19	
	v81	-9.37,-11.98,-6.23		f84	18,50,49	
	v82	-11.54,-10.67,1.95		f85	49,18,17	
	v83	-13.07,-7.36,2.04		f86	17,49,16	
	v84	-14.66,1.09,2.36		f87	16,49,48	
	v85	-12.06,12.67,5.28		f88	47,48,16	
	v86	-10.35,23.17,11.64		f89	47,78,48	
	v87	-13.35,25.52,19.61		f90	77,47,78	
	v88	-14.98,25.96,26.82		f91	75,77,78	
	v89	-13.72,25.08,36.89		f92	75,74,78	
	v90	-12.55,22.34,46.19		f93	78,74,79	
	v91	-12.17,10.63,53.8		f94	79,78,48	
				f95	79,48,49	
	v92	-16.11,3.35,46.69		f96	49,50,79	
	v93	-14.58,-4.34,44		f97	79,50,80	
	v94	-14.85,-9.71,37.64		f98	80,50,81	
	v95	-12.68,-10.25,34.53		f99	81,50,51	
	v96	-10.72,-9.59,32.15		f100	51,81,52	
	v97	-10.64,-10.79,30.81		f101	52,81,82	
	v98	-6.42,-12.87,31.26		f102	82,52,53	
	v99	-4.77,-10.09,28.98		f103	53,82,83	
	v100	-4.59,-10.08,29.7		f104	53,83,84	
	v101	-6.49,-10.33,30.49		f105	84,53,54	
	v102	-9.82,-9.41, 30.21		f106	54,84,85	
	v103	-11.75,-7.23,20.26		f107	85,54,55	
	v104	-11.31,-7.42,28.67		f108	55,85,56	
	v105	-9.86,-9.95,28.89		f109	56,85,86	
	v106	-7.06,-10.71,28.92		f110	86,56,87	
	v107	-7.17,-11.83,28.6		f111	87,56,57	
	v108	-7.39,-12.15,27.02		f112	86,121,87	
	v109	-7.37,-10.79,25.28		f113	121,86,85	
	v110	-10.21,-12.86,22.74		f114	85,121,119	
	v111	-7.14,-14.48,21.58		f115	119,85,84	
	v112	-10.99,-13.38,12.53		f116	84,119,118	
	v113	-12.27,-11.21,7.57		f117	118,84,116	
	v114	-13.36,-9.53,11.04		f118	116,84,83	
	v115	-12.58,-10.35,15.62		f119	83,82,113	
	v116	-15.61,-7.74,4.21		f120	113,83,116	
	v117	-17.47,6,7.12		f121	113,82,80	
	v118	-19.76,3.32,8.21		f122	80,81,82	
	v119	-19.31,12.41,14.01		f123	80,74,73	
	v120	-17.21,19.58,17.12		f124	73,80,112	
	v121	-19.5,16.32,21.25		f125	112,80,113	
	v122	-17.9,16.73,28.94		f126	75,74,44	
	v123	-18.04,15.5,38.66		f127	44,74,43	
	v124	-16.77,11.5,47.88		f128	43,44,11	
	v125	-18.54,-0.45,36.36		f129	11,12,44	
	v126	-17.35,-3.64,33.72		f130	11,10,42	
	v127	-12.18,-7.17,31.76		f131	42,11,43	
	v128	-13.01,-7.05,29.33		f132	43,42,74	
	v129	-12.12,-7.29,28.42		f133	74,73,42	
	v130	-12.51,-6.42,27.43		f134	42,41,73	
	v131	-11.53,-10.57,26.87		f135	41,42,9	
	v132	-10.45,-10.31,28.62		f136	9,10,42	
	v133	-10.49,-9.64,25.32		f137	41,40,9	
	v134	-13.62,-10.88,22.64		f138	9,8,40	
	v135	-15.05,-9.19,16.94		f139	40,39,7	
	v136	-15.73,-9,11.67		f140	7,8,40	
	v137	-16.93,-5.15,18.13		f141	39,38,7	
	v138	-17.84,-0.75,17.8		f142	7,6,38	
	v139	-20.63,11.48,21.02		f143	38,37,5	
	v140	-18.58,10.16,28.82		f144	5,6,38	
	v141					

	v142	-18.8,7.02,39.33		f145	5,4,36		
	v143	-17.26,-0.36,30.13		f146	36,37,5		
	v144	-16.18,-2.92,31.57		f147	4,3,35		
	v145	-16.35,-0.7,25.81		f148	35,36,4		
	v146	-14.11,-6.19,24.96		f149	35,34,3		
				f150	3,2,34		
				f151	34,35,65		
				f152	65,34,64		
				f153	64,65,94		
				f154	94,95,65		
				f155	95,128,94		
				f156	95,96,128		
				f157	128,129,97		
				f158	97,103,129		
				f159	129,104,103		
				f160	104,129,130		.l.
				f161	130,104,133		
				f162	133,104,105		
				f163	106,107,99		
				f164	99,107,69		
				f165	69,99,100		
				f166	100,68,69		
				f167	69,100,98		
				f168	98,68,100		
				f169	98,101,97		
				f170	103,101,97		
				f171	97,128,96		
				f172	96,97,66		
				f173	66,97,98		
				f174	98,66,68		
				f175	68,67,66		
				f176	65,66,96		
				f177	96,95,65		
				f178	35,67,65		
				f179	67,36,35		
				f180	67,68,36		
				f181	36,68,69		
				f182	69,37,36		
				f183	37,38,70		
				f184	70,37,69		
				f185	69,70,107		
				f186	107,108,70		
				f187	107,108,132		
				f188	132,133,107		
				f189	133,132,130		
				f190	130,131,132		
				f191	131,132,134		
				f192	134,131,146		
				f193	136,138,146		
				f194	146,138,145		
				f195	145,138,139		
				f196	139,118,140		
				f197	140,141,139		
				f198	140,119,118		
				f199	119,140,122		
				f200	122,119,121		
				f201	38,39,72		
				f202	72,71,38		
				f203	38,70,71		
				f204	71,70,109		
				f205	109,108,70		
				f206	108,109,132		
				f207	132,134,109		
				f208	109,71,110		
				f209	110,109,135		
				f210	135,134,109		
				f211	135,134,146		
				f212	146,136,135		
				f213	135,136,110		
				f214	110,115,136		
				f215	136,137,115		
				f216	115,114,137		
				f217	137,136,138		

				f218	117,138,137		
				f219	135,116,117		
				f220	117,116,118		
				f221	118,117,139		
				f222	139,117,138		
				f223	39,40,72		
				f224	72,41,71	*	
				f225	71,111,72		
				f226	111,71,110		
				f227	110,112,115		
				f228	115,113,112		
				f229	112,111,110		
				f230	113,115,114		
				f231	114,116,113		
				f232	114,116,137		
				f233	111,73,112		
				f234	73,80,74		
				f235	73,72,111		
				f236	72,41,73		