



You have been asked by a video company to design a football field for monkeys. The company has asked you to make the dimensions similar to those used in the National Football League (NFL).

1. Given the Carolina Panther Roster, what is the average height of a football player?
2. Find the height of the toy monkey (nearest quarter of an inch).
3. Determine the ratio of the height of a toy monkey to the average height of a football player.
4. How many inches in "NFL land" is equivalent to one inch in "toy monkey land"?
5. Use this ratio to determine the size of a toy monkey football field.





NFL FOOTBALL FIELD MEASUREMENTS

Length: 120 yards
(Football field: 100 Yards and End zones: 10 yards)

Width $53 \frac{1}{3}$ yards

End line border at the back of the end zone: 6 feet

NFL Goal Posts: 10 feet high and $18 \frac{1}{2}$ wide

OFFICIAL NFL FOOTBALL MEASUREMENTS

Short Circumference: $20 \frac{3}{4}$ " - $21 \frac{1}{4}$ "

Long Circumference $27 \frac{3}{4}$ " - $28 \frac{1}{2}$ "

Weight: 14-15 oz

Length: 10.75 inches.

Monkey Mania



#	Name	Pos	Ht	Wt	Age
50	Anderson, James	LB	6-2	235	24
7	Baker, Jason	P	6-2	205	30
82	Barnidge, Gary	TE	6-5	247	22
52	Beason, Jon	LB	6-0	237	23
65	Bernadeau, Mackenzy	G	6-4	308	22
96	Brayton, Tyler	DE	6-6	280	28
73	Bridges, Jeremy	OL	6-4	326	28
57	Connor, Dan	LB	6-2	231	22
55	Curry, Donte'	LB	6-1	240	30
58	Davis, Thomas	LB	6-0	240	25
17	Delhomme, Jake	QB	6-2	215	33
53	Diggs, Na'il	LB	6-4	240	30
20	Gamble, Chris	CB	6-1	200	25
91	Gibson, Gary	DT	6-3	285	26
30	Godfrey, Charles	S	5-11	205	22
37	Goings, Nick	RB	6-0	225	30
69	Gross, Jordan	T	6-4	305	28
18	Hackett, D.J.	WR	6-2	208	27
63	Hangartner, Geoff	C	6-5	301	26
43	Harris, Chris	S	6-0	205	26
45	Hoover, Brad	FB	6-0	245	31
80	Jarrett, Dwayne	WR	6-4	219	21
95	Johnson, Charles	DE	6-2	275	22
54	Johnson, Landon	LB	6-2	232	27
84	Jones, Mark	WR	5-9	185	27
67	Kalil, Ryan	C	6-2	295	23
4	Kasay, John	K	5-10	210	38
99	Kemoeatu, Maake	DT	6-5	345	29

#	Name	Pos	Ht	Wt	Age
47	King, Jeff	TE	6-3	260	25
56	Kyle, Jason	LB	6-3	242	36
92	Lewis, Damione	DT	6-2	301	30
5	Lloyd, Rhys	K	5-11	231	26
21	Lucas, Ken	CB	6-0	205	29
31	Marshall, Richard	CB	5-11	189	23
12	McCown, Josh	QB	6-4	215	29
3	Moore, Matt	QB	6-3	202	24
87	Muhammad, Muhsin	WR	6-2	215	35
76	Omiyale, Frank	T	6-4	310	25
79	Otah, Jeff	T	6-6	330	22
90	Peppers, Julius	DE	6-7	283	28
10	Robinson, Ryne	WR	5-9	179	23
88	Rosario, Dante	TE	6-4	250	23
25	Salley, Nate	S	6-1	216	24
59	Seward, Adam	LB	6-3	250	26
28	Stewart, Jonathan	RB	5-10	235	21
66	Taylor, Hilee	DE	6-2	250	22
26	Teal, Quinton	S	6-1	187	24
68	Vincent, Keydrick	G	6-5	325	30
93	Walker, Darwin	DT	6-3	294	31
23	Wesley, Dante	CB	6-1	210	29
70	Wharton, Travelle	T	6-4	312	27
34	Williams, DeAngelo	RB	5-9	217	25
27	Wilson, C.J.	CB	6-1	195	23