Name:	Key			This is a	. ^ _
	Practice - 10.5	Angular Mome	ntum and Its Cor	servation (	julat unit
rotating with initially mote easier to vish	ound merry-go-round han angular velocity ionless 22.0-kg child sualize if you picture motion. [You may and that the child is	y of 0.500 rev/s d gets onto it by the merry-go-r assume that the	What is its anguabbing its outer ound snagging the merry-go-round	ular velocity after r edge? This mig child and yanking is a uniform disc	tan ht be
In:tial &				Final	Somety, W
m= merry on	Jan La	FO Lm		Lai Juna Juna	W + The
C= Chila	1 - 1 = 1+			1	T)
	2 (120kg) (1.1				
	Imi dy	w,	Lci	Im	Texill Texill
	Imi 1, 97.21	12 m 2 rev + 0	= Wy (2)	(120kg)(1.8-3)	+ 22kg(1.8-
	97.2	Ks ~ 2 rev =	W+ (199,4 kg	-Z+71,3kg	-5)
	97.	2kg m 2 rev	- w/ 255	7.7 kg~2)	
		0.365 Cey	12		
	Cuf =	0,365 rev	(27 rad)	= (2,3 rad)	