20-R-KM-DK-12	20-R-KA	4-0k-12 Beg	ginner A	tateleration (Relative Motion)
July 31, 2020 11:26 AM						
	A handyman ha	as left a ladder leaning	on a wall which b	pegins to slip. At a giv	en instant, the top of the	2
В	ladder has an a	cceleration a_B = 3m/s	s^2 and a velocity	y of $v_B = 5 m/s$, both		
Q .	instant. The len				O degrees with the groun	
	A	ے د	- ^			
	NB = NY	4 M X /BY			x (-10 cos 30 1	
0/1			-5;	- Vai - W	(1000530) 3 - 0	u (10 sin30)î
A			j: -5	5 = - w(10c	0>30)	
			ω	= 5 10 cos 30 =	년 일	
	i = 0.	+ Qx TAIB	- 602 Tava			
					- (1) (10 cos	300 - 10 60
				_		
					- ż (10 (0530)î	4 3 C(USIN 3
	1: 0,	= Q (10sin30))- % ((0%	(430)	. 455	
	j : 0	= -3 + 0(1	0(0536) 1	1 { (losin30)	X = 45	
			_			
	Q _A	= - 11/3 m/	,7			
		-				