CIRCULAR MOTION OF AN OBJECT ON A STRING

Fig. 4.1 illustrates an object on a string being whirled anticlockwise in a vertical circle.



total force =[2]

[Total: 8]

(a)) (i)	 force marked towards centre force marked towards centre 	B1 B1
	(ii)	 clearly horizontal at start to left or right horizontal <u>to the left</u> curving down to reach ground to left of A vertically down, not necessarily to reach ground 	M1 B1 B1
(b) Allo	ow use of g = 9.81 or 9.8 throughout	
	(i)	0.5 N	B1
	(ii)	4.1 N or 3.1 N e.c.f. from (i) 4.1 N e.c.f. from (i)	C1 A1 [8]

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