1

nd, in terms of a and g, the time that P takes to make one complete revolution.	
particle Q of mass $m \log$ falls from rest under gravity. The motion of Q is resisted agnitude mkv N, where $v \text{ms}^{-1}$ is the speed of Q at time t s and k is a positive constant.	by a force
nd an expression for v in terms of g , k and t .	ſ

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