Question Number	Scheme	Marks
3(a)	$1.5 = 0 + \frac{1}{2} g t^2$	M1 A1
	$t = 0.55$ or 0.553(s)	A1
		(3)
3(b)	$1.5 = 0 + \frac{1}{2} a \left(0.6\right)^2$	M1 A1
	$0.2g - R = 0.2a$	M1 A1
	$R = 0.293$, 0.29	A1
		(5)
		(8)

Notes for Question 3	
(a)	
M1	Complete method to find the time taken using $a = g$
A1	Correct unsimplified equation in t only
A1	Cao
(b)	
M1	Complete method to form an equation in a only, $a \neq g$, using $t = 0.6$
A1	Correct unsimplified equation in a only
M1	Use $F = ma$ to form an equation of motion with correct terms, condone sign errors, $a \neq g$
A1	Correct unsimplified equation
A1	Cao
	N.B. Allow **consistent** use of ($-a$) instead of a and penalise in the second equation if inconsistent. **N.B.** Penalise use of $g = 9.81$ once for the whole question. Also penalise once for the whole question, answers as fractions, penalise the first one, if both answers are fractions.