Q	Marking instructions	AO	Marks	Typical solution
14(a)	Selects an appropriate equation of constant acceleration. and states $u = 0$, $t = 4$ and $a = g$ PI by correct substitution	1.1a	M1	$s = ut + \frac{1}{2}at^2$ $u = 0$, $t = 4$ and $a = g$
	Substitutes $s = 0.8h$	1.1a	M1	$0.8h = \frac{1}{2}g \times 4^2$
	Completes reasoned argument to obtain given answer	2.1	R1	$0.8h = 8g$ $h = 10g$
	Subtotal		**3**	

Q	Marking instructions	AO	Marks	Typical solution
14(b)	Explains that h will be less	3.5a	E1	Air resistance will cause h to be lower
	Subtotal		**1**	

	Question 14 Total		**4**	