Question	Scheme	Marks	AOs
1(a)	$0.5g$, $\frac{1}{2}g$ or 4.9 (N) seen	B1	3.4
		(1)	
1(b)	$\frac{2}{7}\times 4.9$ oe seen	M1	3.1a
	1.4, 1.40 or $\frac{1}{7}g$	A1	1.1b
		(2)	
			(3 marks)

Notes: Ignore units in this question.

N.B. Use of $g = 9.81$ should only be penalised **once** for the whole question as should two fractional answers (a) 49/10 (b) 7/5.

Penalise the use of $g = 9.81$ the first time you see it.

N.B.

If $g = 9.81$ is used in (a), B0. If it is then used again in part (b), and they give the answer as 1.4 or 1.40, they can score M1A1 in part (b).

If $g = 9.81$ is only used in (b), they can score max M1A0 for (b).

1a	B1	cao. (must be positive) B0 for a fraction ($\frac{49}{10}$) B0 if they have $0.5g$ and then clearly use $g = 9.81$ i.e. **NOT** isw This answer must appear in (a) to earn this mark. If no labelling, give BOD and award as many marks as possible.
1b	M1	$\frac{2}{7}\times$ their (a) (must be a numerical value) If no answer for (a) or if (a) is incorrect and they don't use it, allow a correct restart i.e. $\frac{2}{7}\times 4.9$ or $\frac{2}{7}\times 0.5g$ or $\frac{2}{7}\times 0.5$ (missing g is not an M error)
	A1	A0 for a fraction **N.B.** $X =$ is not needed **BUT** A0 for F (or P or horizontal force) = a correct answer if they don't go on to state $X =$... If they obtain the correct answer for F and they have said $F = X$ they can score A1.
		N.B. 1.4, 1.40 or $\frac{1}{7}g$ **with no working,** scores M1A1