2(a)	Use trajectory equation from MF19: $y = x\tan\theta - \dfrac{gx^2}{2u^2\cos^2\theta}$. $y = 2x - \dfrac{10x^2}{2u^2 \times \frac{1}{5}} = 2x - \dfrac{25x^2}{u^2}$
2(b)	$12 = 2\times 8 - \dfrac{25\times 8^2}{u^2}$
	$u^2 = 400 \quad [u = 20]$
	$0 = 2D - \dfrac{25D^2}{400}$ leading to $[D = 0,]\ D = 32$.
	$7 = 2D - \dfrac{25D^2}{400}$ leading to $[D = 4,]\ D = 28$.
	$28 \leqslant D \leqslant 32$ only.