14	$B = \frac{k}{d^2}$ oe	$Bk = \frac{1}{d^2}$ oe		3	M1 (NB Not for $B = \frac{1}{d^2}$) Constant of proportionality must be a symbol such as *k* Allow *D* or *b*	M2 for $0.25 = \frac{k}{12^2}$ oe or $0.25 \times k = \frac{1}{12^2}$ oe or
	$0.25 = \frac{k}{12^2}$ oe or $0.25 = \frac{k}{144}$ oe or $k = 36$	$0.25 \times k = \frac{1}{12^2}$ oe or $0.25 \times k = \frac{1}{144}$ oe or $k = \frac{1}{36}$			M1 for substitution of *B* and *d* into a **correct** formula	
	Correct answer scores full marks (unless from obvious incorrect working)		$B = \frac{36}{d^2}$		A1 e.g $B = 36 \times \frac{1}{d^2}$ or $B = 36 \times d^{-2}$ Award 3 marks if answer is $B = \frac{k}{d^2}$ on the answer line and $k = 36$ clearly given in the body of working of the script M2A0 for $Bd^2 = 36$ or $d = \frac{6}{\sqrt{B}}$ or $d^2 = \frac{36}{B}$	
						Total 3 marks