4	The positive integers x , y and z are the first, second and third terms, respectively, of an arithme progression with common difference -4 .	etic
	Also, x , $\frac{15}{y}$ and z are the first, second and third terms, respectively, of a geometric progression	ι.
	(a) Show that y satisfies the equation $y^4 - 16y^2 - 225 = 0$.	[4]
	(b) Hence determine the sum to infinity of the geometric progression.	[4]