	TO		
	Trans formers		
	Plan	Logistics	
	Review	check in	
	Self-Altention	scribe	
	Cross-Attention	200 m	
	Positional Encoding		
	Review Motivation: words as vectors		
The state of the s			
	f:	f. RIVI > Rd	
		(x,x+) close => f(x) ·f(x) = large	
		(x,x) far => f(x).f(x) small	
	one hot encoding		
	C contrastive learning	c unsupervised learning	
	Principal Component Analysis		
	capture capture	variation of eigenvectors	
	via	via eigenvectors	
	$x^{T}x = \frac{5}{5} \lambda_{i} v^{(i)} v^{(i)} T \qquad \text{for } v^{(i)}v^{(i)} = \frac{5}{5} v^{(i)} v^{(i)} = $		
Park Street			
	A: 114113 = 1		





