Question	There is	e Om Oseum	ntiem that th	nere is m	o Bignitic	ant
97	There is an assumption that there is no significant difference between boys and girls with respect to intelligence. Tests are conducted on two groups and the following are the observations.					
	Mean	Strindard	Deviation	કાં ટ્રવ		
Girls	89	4	er fall y too	50		
Boys	82	9		120		
	Volidate	the daim	with 5th L	evel of a	Significan	ce.
ടം പ്രാത :	Hypotheses:					
	There is no significant difference					
	between the two groups. $(\bar{x}_1 = \bar{x}_2)$					
			<u> </u>		. Veringly	20
	: The	ne is a	Significant	difference		
Adudi			two groups			
and in	18 4: 1m		apat Journa			and the second
=>	Zhalad		for 54			
-						
	Statistics: Z test for two sample ameans					
	9091311	<u> </u>	1 10% 100	Sampic	w ed als	
	Z= X	- X 2	X1 = 89	\overline{\chi_0} :	= R2	
		2 2	$\overline{X}_1 = 89$	S	= 81	
	$\sqrt{\frac{\pi}{2i}}$	$-\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	m ₁ = 50		g = 120	
	1 - 1	1/2		.,	0 - 120	
	2= 80	7-82	7			7
			The second second second second second		10.995	0.997
	7	16 + 81 50 120	0.32+0.	675	4 112	
	Z = 7	1.021				
		•				
						

