9			
ILA	ugust, 2024 Assignmer	nt Sc	nturday
9	subject : G. Science		th)
Q1)			
	of these two numbers is s		
	numbers 7.		
	Let		
	1st number = x	$y=\frac{28}{2}$	= 8
	2 ^{nol} number=4	14-14	4= 4
	According to given condition		J
	x+y=18 -1	& Put value o	fy in equi.
	24 = 56 → (ii)	p Put value o	1=18-4
5	2 = 18-y - (ii)	x=1-14	2 18-4
	Put value of in eq(i)		14
è	(18-4) 9 = 56		
Α.	$189 - 9^2 = 56$	(1,14)	(14, 4)
ST	$y^2 - 18y + 56 = 0$	(S, 8/4, 14)	
	9=1, b=-18, c=56		<u> </u>
+	4=-b= 162-49C	Shortent	
	29		
t	=-(-18) + (-18)2-4(1)150)		
0	2(1)		
	= 18 ± √ 324 - 224		
	W 1/2 2		-
•	y = 18 = \ 100		ļ-
	2	Simplify it and write in the form of a state	
	y = 18±10		
	2		
	$y = \frac{18 + 10}{2}$ $y = \frac{18 - 10}{2}$		

			0 %
			6
STORY WA			P
60	The sum of three consecutive prime number		4
	is 287. Find the square of the middle term.		٥
	Let 6x71, 6x+1 and 6x'+1 be three		9
	consective prime numb	9	
3	According to the given con		
	6x-1+6x+1+6x'+1=287		•
	1822 + 1 = 287		
	18x = 287 - 1	6x-1=6(16)-1=96-	
1 1 1	18x = 286	2(95)	
15.8	14.3	6x 1= 6(16)+1=96+1	9
9/143	18.9	(97)	***
9	x= 143	6x'+1= 6(15)+1	**
53	9	90+1=91	•
45	x = 15.88	91,95,97	•
80	1x=16		5
72	x' = 15	But it is Prime number	•
80	62-1=6		•
72			d
2	2nd Method No	an use any	
	2-15.88. One Three consective numbers		
	n=15	are 89,91,97	- 51
	x'= 16	Square of middle	20-
	621-1=6(15)-1	term = (91)2	- 5
	= 90-1=(89)	= 8281	
1	6x+1= 6(15)+1=10+	41=(91) Question: Why we can't	- 5
	6x'+1=6(16)+1=	we choose $n = 16 ?$	2
	= 96+1=(97)	N = 16 !	-
			73034