			- 15.01		
			y = 15.00		
]),	Cotton Weight	Percent Observa	700		
No Section	15	7 7 15	11 9 4. = 9.8		
	20	12 17 12			
	25	14 19 19 1	8 18 J. = 17.6		
(	30	19 25 22 1	V		
	35	7 10 11 1	5 11 J. 10,8		*
a)	Els there enidence to su		Cotton Content a	fects the mean	
• /	cle there emidence to sy tensile attength? Us	e d=0.05	,		
	f. V.Z.		~ n	/— 1 <sup>2</sup>	
	Source SS	df MS Fo	55trt = 22(	y-y	
	Between Tot 475.76		567		
	Error (within Tet) 161.20	20 8.06	= 2 n(y	1. dul.	
	Total 636.96	24	- 13,	, 2 Y.	, 2
			$=\frac{1}{5}(40)$	$\begin{cases} 1. & \sqrt{y} \\ 1.$	6
نیر.	P-Value = 9.13 x	10-6	= = (30	9,654) - 14/376	
/ Tu	ith a p-value less than C			. 8 - 5655.04	0
t	refect the null hypo	stlesse that all day	erosp = 475		
M	earsore the same. There	is enidence to sugar	175 SST0+ ZZ yij	(4.)	シ
the	at the tensile strength	is affected by Cotton	= 6292 - 141	376 N	
, cue	iglots.	10000	= 6292 - 5655 <sub>C</sub>		
			= 636.96		
b)	Use the Fisher LSD Means. What concl	method to make a	emporisons betale	en the pairs of	
	Means. What concl	ustions can you draw	1.7	7	
		_			
L	.SD = to.025, N-a \[ 2MSE	= tag= 100/2(8.	06) = 2.086, 20	(8.06) = 2.086 (1.79555)	
	V -n	5		5	
=	3.745517				~
	J- 5 =9.8.18.4 y- 7 = 9.8-1	$7.6 \ y - \overline{y_4} = 9.8 - 21.6$	J,-ys = 9.8-10.	8 = There is enidence to	5
	= -3.6	8 × = -11.8 ×	= -/	Suggest 20, 25, and 30 1	ore
(	12-93=154-17-6 92-94 =1	5.4-21.6 J2- J5 = 1	5,4-10.8=	different from 15. 30 and :	35
,	= -2.2	6.2 × 3	1.6 *	The different from 20.30	and
0	3 94=17.6-21.6 73-9	5 = 17.6 - 10.8 Jy	-ys = 21.6-1	0. 87 35 are different from	25.
	$ \frac{1}{3} - \frac{1}{3} = \frac{9.8 \cdot 1.4}{3} = \frac{9.8 - 1}{3} $ $ \frac{1}{3} - \frac{1}{3} = \frac{9.8 \cdot 1.4}{3} = \frac{9.8 - 1}{3} $ $ = -\frac{7}{3} $	= 6.8 -	s 10.8 ¥	35 is different from	n
				30.	