SOLUTION

Here is some data nobody cares about. Use Analysis of Variance (ANOVA) to test the null hypothesis that the treatment means are equal at the $\alpha = 0.05$ level of significance. Fill in the ANOVA table.

Levels	Some engineering experiment (whatever)				Tatala	A	1
	Sample 1	Sample 2	Sample 3	Sample 4	Totals	Averages	L
1	382	364	374	373	1493 A	373,25	1
2	380	351	333	367	14312(41	357,75	1
3	376	317	363	316	1372	343	1
					4296	358	1



$$d.o.f. = an - 1 = 11 + 1$$

$$\frac{630.5}{2} = 915.25$$

$$f_0 = \frac{915.25}{477.28} = 1.918 (1)$$

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Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square	fo
Treatments	1830.5	2	915,25	1.918
Error	4295.5	9	477.28	-
Total	6126	(1	-	-

Significance to lurels