In comparing levels of neuroticism based on the job people have, you find that doctors average 60.5, lawyers average 62.4, and teachers average 67.8. Your ANOVA source table:

ANOVA					
Neuroticism					
	Sum of Squares	df	Mean Square	F	р
Between Groups	433.378	2	216.689	17.785	<.001
Within Groups	511.733	42	12.184		
Total	945.111	44			

If there are 15 people in each group, which population means are different because of the job?

ANSWER:

$$Q_{D_{J}L} = \frac{60.5 - 62.4}{\sqrt{12.18}} = \frac{-1.9}{.90} = 2.11$$

 $Q_{D_{J}L} = \frac{12.18}{15} = \frac{-1.9}{.90} = 2.11$
 $Q_{D_{J}T} = \frac{60.5 - 67.8}{.90} = 8.11$
 $Q_{L_{J}T} = \frac{62.4 - 67.8}{.90} = 6.0$
 $K = 3$
 $Q_{L_{J}T} = \frac{62.4 - 67.8}{.90} = 6.0$
 $K = 3$
 $Q_{L_{J}T} = \frac{62.4 - 67.8}{.90} = 6.0$
 $R = 3 = 0.00$
 $Q_{L_{J}T} = \frac{62.4 - 67.8}{.90} = 6.0$
 $R = 3 = 0.00$
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 $R = 3 = 0.00$
 $R = 42$
 $R = 3 = 0.00$
 $R = 42$
 $R = 3 = 0.00$
 $R = 3.44 = 0.00$
 $R =$