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ABSTRACT

The Significance of the differences in the achievement of the sixth primary grade students in the national math test according to some variables

The current study aimed to examine the significance of the differences between the achievement means of the sixth primary grade students in the national math test in accordance with the variables . To achieve this ,the grades of (3075) students of the sixth primary grade students have been analyzed the students who sat for the national test in mathematics during the academic year 2007/2008 spread over (94)sections in schools of Hebron directorates of Education .

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The results of the study showed a statistically significant difference between the achievement means of the sixth primary grade students in the national math test in accordance with the variables : Directorate of Education, school gender , size of the classroom , qualifications , experience, educational qualification of teachers. The differences were not significant in accordance with the variables of the student gender, the teacher gender and teacher specialization .It was also noticed the absence of a statistically significant relationship between the means of students' achievement and the ratings of teachers by the school principals and their supervisors.

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. (Cankoy & Alitut ,2005)

.(Joshua et al.,2006)

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(Wright et al.,1997)

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(Hammer , 2003)

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(Saeed & Gondal , 2005)

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(Sparks , 2004)

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(Michaelowa , 2002)

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(Schreiber , 2002)

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(TIMSS)

(Alkhateeb, 2001)

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(Ellis et al.,2000)

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(Hammond , 2000)

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(Randel & Stevenson , 2000)

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(Wright et al.,1997)

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(TCAP)

(Chen & Stevenson , 1995)

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(Kianian , 1993)

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(Sparks , 2004)

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800		61		334		405			
998		0		508		490			
1277		156		617		504			
3075		217		1459		1399			

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T-test " "

One Way ANOVA

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T-Test " "

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0.335	0.964	3072	9.85	*15.09	1439	
			9.75	14.75	1636	

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(Ding et al.,2006)

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(Alkhateeb , 2001)

(Kianian , 1993)

(Saeed & Gondal , 2005) ()

(Schreiber , 2002)

Chen & Stevenson ,) (Randel & Stevenson , 2000)

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9.58	16.53	800		
9.86	14.33	998		
9.77	14.34	1277		
9.99	14.93	1399		
9.63	14.58	1459		
9.47	16.98	217		
10.90	14.40	110		
9.71	14.70	1451	-	
9.83	15.55	1358	-	
8.71	11.60	156		

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One Way Anova

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0.000	14.893	1416.45	2	2832.94		
		95.11	3072	292179.33		
			3074	295012.27		
0.003	5.691	544.52	2	1089.04		
		95.68	3072	293923.23		
			3074	295012.27		
0.000	8.283	789.35	3	2368.05		
		95.29	3071	292644.22		
			3074	295012.27		

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10.07	15.01	137	42		
9.57	14.82	1699	52		
10.28	15.54	110	36		
9.45	14.51	1944	57		
9.78	14.88	277	85		
9.63	14.93	272	9		
9.46	14.07	1248	37		
9.60	14.90	569	17	-	
10.0	15.70	122	39		
9.02	18.70	163	5		
9.77	14.67	288	88		

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(14.82) (15.01)

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(14.93) (14.88)

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(14.67) (18.70)

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0.588	0.54	3073	10.07	15.01	137		
			9.57	14.82	1699		
0.006	2.757	3043	10.28	15.54	110		
			9.45	14.51	1944		
0.93	- 0.08	3043	9.78	14.88	277		
			9.63	14.93	272		
0.000	5.528	3043	9.02	18.70	163		
			9.77	14.67	288		

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(Ellis et al.,2000)

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(Sparks , 2004)

(Michaelowa , 2002)

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0.000	8.598	816.03	2	1632.06	
		94.92	3042	288730.30	
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(Ellis et al.,2000)

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Person Correlation Test

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(Hammond , 2000)

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<http://www.moe.gov.jo/arabic/ResourcesA.html>

Faculty.ksu.edu.sz/703/Doc/ib3/...

http://www.gwfkids.com/ar/index.php?action=show_res&r_id

<http://www.abegs.org/sites/Research/DocLib>

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