

HASIL OLAH DATA PENELITIAN

A. Uji Validitas

		Correlations									
		soal_1	soal_2	soal_3	soal_4	soal_5	soal_6	soal_7	soal_8	soal_9	Total
soal_1	Pearson Correlation	1	.426	.251	-.278	.167	.247	-.207	.358	-.015	.471
	Sig. (2-tailed)		.088	.332	.280	.521	.339	.426	.158	.953	.056
	N	17	17	17	17	17	17	17	17	17	17
soal_2	Pearson Correlation	.426	1	.311	-.310	.528*	.169	-.203	-.033	.169	.526*
	Sig. (2-tailed)	.088		.225	.226	.029	.517	.434	.901	.517	.030
	N	17	17	17	17	17	17	17	17	17	17
soal_3	Pearson Correlation	.251	.311	1	.099	.311	.099	-.119	.308	.099	.567*
	Sig. (2-tailed)	.332	.225		.704	.225	.704	.648	.230	.704	.018
	N	17	17	17	17	17	17	17	17	17	17
soal_4	Pearson Correlation	-.278	-.310	.099	1	-.070	-.214	-.118	.182	.029	.078
	Sig. (2-tailed)	.280	.226	.704		.788	.409	.653	.484	.913	.765
	N	17	17	17	17	17	17	17	17	17	17
soal_5	Pearson Correlation	.167	.528*	.311	-.070	1	.408	-.203	.245	.648**	.776**
	Sig. (2-tailed)	.521	.029	.225	.788		.104	.434	.343	.005	.000
	N	17	17	17	17	17	17	17	17	17	17
soal_6	Pearson Correlation	.247	.169	.099	-.214	.408	1	-.118	.182	.514*	.585*
	Sig. (2-tailed)	.339	.517	.704	.409	.104		.653	.484	.035	.014
	N	17	17	17	17	17	17	17	17	17	17
soal_7	Pearson Correlation	-.207	-.203	-.119	-.118	-.203	-.118	1	-.171	-.368	-.127
	Sig. (2-tailed)	.426	.434	.648	.653	.434	.653		.512	.146	.628
	N	17	17	17	17	17	17	17	17	17	17
soal_8	Pearson Correlation	.358	-.033	.308	.182	.245	.182	-.171	1	.182	.536*
	Sig. (2-tailed)	.158	.901	.230	.484	.343	.484	.512		.484	.026
	N	17	17	17	17	17	17	17	17	17	17
soal_9	Pearson Correlation	-.015	.169	.099	.029	.648**	.514*	-.368	.182	1	.585*
	Sig. (2-tailed)	.953	.517	.704	.913	.005	.035	.146	.484		.014
	N	17	17	17	17	17	17	17	17	17	17
Total	Pearson Correlation	.471	.526*	.567*	.078	.776**	.585*	-.127	.536*	.585*	1
	Sig. (2-tailed)	.056	.030	.018	.765	.000	.014	.628	.026	.014	
	N	17	17	17	17	17	17	17	17	17	17

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

B. Uji Reliabilitas

Reliability Statistics

Cronbach's Alpha	N of Items
.703	6

C. Uji Statistik Deskripti

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Pre test	17	22.20	88.80	57.4588	21.57919
Posttest	17	33.30	100.00	77.0588	18.20017
Valid N (listwise)	17				

D. Uji Normalitas

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pretest	.238	17	.012	.880	17	.032
Posttest	.211	17	.042	.884	17	.037

a. Lilliefors Significance Correction

E. Uji N-gain

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
N_Gain	17	.00	1.00	.5012	.28221
N_Gainpersen	17	.00	100.00	50.1174	28.22116
Valid N (listwise)	17				

DESCRIPTIVES VARIABLES=N_Gain N_Gainpersen
/STATISTICS=MEAN STDDEV MIN MAX.

F. Uji Wilcoxon

Related-Samples Wilcoxon Signed Rank Test Summary

Total N	17
Test Statistic	120.000
Standard Error	17.446
Standardized Test Statistic	3.439
Asymptotic Sig.(2-sided test)	.001