

14, 7 dependent and 7 independent.

2-student's sample 202,87 dependent and 115 independent

Research Tools:

- 1- High intelligence Test.
- 2- Embeded Figures Test.
- 3- Achievement Test in algebra.
- 4- Achievement Test in geometry.

Research Results:

- 1- There are significant differences in mathematics achievement between the field dependent group and field independent group in favour of field independent.
- 2- The level of students' mathematics achievement does not differ according to the difference of teacher cognitive style.
- 3- The level of students' mathematics achievement does not differ according to the difference of interaction of cognitive style of teacher and student.

Discussion of Results:

The researcher discussed the results through the literature and the previous studies.

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"The effect of the interaction of the cognitive styles  
in the student & teacher on academic achievement".

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