

# THE EFFECTIVENESS OF USING ACTIVE LEARNING ON THE MATHEMATICAL ESTIMATION AND THE COMPUTATIONAL SKILLS OF THE 5TH GRADE FEMALE STUDENTS

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***ABSTRACT\_** This study aimed at investigating the effectiveness of using active learning mathematical estimation and computational skills. The goal of the study was achieved by conducting a quasi-experimental study on a sample of 96 from 5th grade female students. The sample was split into two groups; one was serving as a control and another as an experimental group. The experimental group has been taught using active learning targeted topics, namely denominators, complications and addition and subtract of fractional numbers while the control group was taught the same topics using the traditional method of teaching. Both groups were evaluated and their mathematical estimation and the computational skills were measured using two tests designed for this study. The study results proved the effectiveness of active learning on mathematical estimation and computational skills of the fifth grade female students. In light of the findings, the researcher recommended the following recommendations: Mathematics teachers have to using active learning in teaching, promotion and training by the Educational Supervision.*

***KEYWORDS:** Active Learning, Mathematical Estimation, Computational Skills, Effective.*