

ABSTRACT

Tiara Aprilia Fauzianti Hamzah (2021). *Mathematical Problem Solving Ability and Self-confidence of Middle School Students Through Model Think Pair Share (TPS)*

One of the problems in learning mathematics is the low ability of students in solving mathematical problems. This is indicated by the ability of students who are still low in solving the questions given. This low ability can be influenced by several factors, one of which is the lack of confidence in students. One effort to improve students' abilities in the mathematics learning process is to use the TPS learning model. This study aims to 1) describe the mathematical problem-solving ability of school students through the TPS model; 2) describe the self-confidence of high school students through the TPS model, and 3) describe the effectiveness of the TPS learning model on improving students' mathematical problem-solving abilities. This study used a qualitative research approach, with the type of research being library research. In this literature study, the researcher collected some relevant literature from previous studies related to the variables studied. The analysis technique used is deductive technique, interpretive technique and komparative technique. Based on the results of the analysis, it shows that 1) the TPS learning model has an effect on the mathematical problem-solving ability of junior high school students but has no effect on high school students; 2) the TPS learning model can increase the self-confidence of high school students, and 3) the TPS model is effective for use in the learning process.

Keywords: *Mathematical Problem Solving Ability, Self-confidence, and model Think Pair Share (TPS)*