

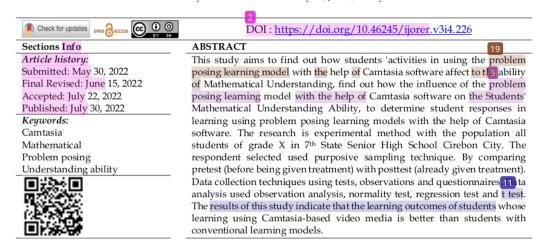
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# Influence of Problem Posing Learning Model with Support Software Camtasia on The Ability of Understanding Student's Mathematical

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#### INTRODUCTION

The development of mathematics education has some basic competencies that students must possess to improve their mastery of the material being taught. According to The Mational Council of Teachers of Mathematics (NCTM) 2000 (Cahyani & Setyawati, 2017) there are five standard competencies central to learning is problem solving skills, communication skills, the ability of the connection, reasoning, and the ability of representation. Mathematical understanding is the basic for learning in mathematics (Masnia & Amir, 2019; Pamungkas et al., 2018). Mathematical proof is very closely related to mathematical mderstanding so that students who have difficulty in mathematical proof are mytly caused by their lack of understanding of mathematical concepts and definitions, write mathematical notation or use mathematical language correctly (Sahara et al., 2017). Before students have five basic competencies as mentioned, basically students must have understanding abilities. The ability of mathematical understanding is the key to solving mathematical problems as well as problems in real life (Setiyani, 2019). In line with the opinion of (Afriyani et al., 2018) the effectiveness of learning needs to be measured from the quality of understanding mathematical concepts. The basic mathematical understanding ability is when someone is able to parse or explain a number (Colegrove & Krause, 2016).

Mathematical understanding is about a concept, how students understand a concept, what they do not understand about a concept, or how they can develop a concept (Gülkılık et al., 2015). If a person understands mathematics, he can recognize the relationship between between to concepts and previous concepts (Minarni et al., 2016). From the description above it can be concluded that the ability of mathematical understanding

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