

ABSTRACT

DELIANA NUR DEWI. 2023. " ANALYSIS OF STUDENTS' REFLECTIVE THINKING PROCESSES REVIEWED FROM SENSING AND INTUITION LEARNING STYLES". Mathematics Education Study Program. Faculty of Teacher Training and Education. Siliwangi University.

This research aims to describe the reflective thinking process in terms of sensing and intuition learning styles in solving reflective thinking problems using flat-sided geometric shapes. The method used in research is exploratory. Data collection techniques in research are by providing reflective thinking test questions, Sensing and Intuition learning style questionnaires, and interviews. The instruments used were reflective thinking questions, Sensing and Intuition learning style questionnaires. This research was carried out at MTs Negeri 3 Tasikmalaya. The subjects in this research were taken purposively, namely VIII-A student class who worked on reflective thinking components in each of the Sensing and Intuition learning styles. The data analysis techniques used include data reduction, data presentation, and data verification. The research results concluded that the reflective thinking process of students with sensing and intuition learning styles in the problem context phase, can identify problems by writing down what is known and asking questions about the problem. In the problem definition phase and the seeking possible solution phase, students with sensing and intuition learning styles can limit the problem and propose a possible solution to solve the problem by writing down elements that are not yet in the problem and use them in solving the problem. In the experimentation phase, students with sensing and intuition learning styles can experiment with possible solutions by carrying out calculations on solutions that have been written previously. In the evaluation phase, students with a sensing learning style recheck their answers using formulas that are often given. Whereas, students with an intuition learning style recheck answers with use two different methods. In the acceptance/rejection phase, students with sensing and intuitive learning styles can conclude the results of their work correctly and precisely.

Keywords: Reflective Thinking, Reflective Thinking Process, Sensing-Intuition Learning Style.