ABSTRACT

Thesis entitled "the effect of NHT (Numbered Heads together) Learning Model against Achievement of Learning and Motivation of Learning Mathematics Grade X SMK 1 Durenan Islamic school year 2015/2016" was written by Ryalita Azizah, NIM. 2814123027, advisor Dewi Asmarani, M. Pd.

Key Words : NHT Learning Model, Motivation, the achievements of learning

This event will be based on research by a phenomena that mathematics is considered a scourge that is scary for most students. The perception of a lot of negative impact arising, such as lack of motivation in students learning math so that the result is bad as well as the achievements of the student learning. In this case the researchers wanted to know whether there is a positive and significant influence toward learning and achievement motivation of learning mathematics students in SMK Islam 1 Durenan when implementing model learning NHT (Numbered Heads Together).

Formulation of the problem in the writing of this thesis are (1) whether there was influence of model learning NHT (Numbered Heads Together) against the motivation of learning mathematics grad X SMK 1 Durenan Islamic school year 2015/2016? (2) whether there was influence of model learning NHT (Numbered Heads Together) against the achievements of learning mathematics grad X SMK 1 Durenan Islamic school year 2015/2016? (3) whether there was influence of model learning NHT (Numbered Heads Together) against achievement learning and motivation of learning mathematics grad X SMK 1 Durenan Islamic school year 2015/2016?.

In this study used methods quistioner, tests and documentation. Question form is used to obtain data about the learning motivation of student of SMK Islam 1 Durenan which is used as a sample of the research. The test is used to obtain data aout student learning achievement of SMK Islam 1 Durenan used as research samples. While in documentation used to dig up data abot population, sample, educational infrastrudture, and facility and school documents.

The results showed (1) there is the influence of model learning NHT (Numbered Heads Together) against the motivation of learning mathematics grade SMK X 1 Durenan Islamic school year 2015/2016 with a value of $t\_arithmetic$ (2,817) > t_table (1.98932) at the 5% significance level, (2) there is the influence of model learning NHT (Numbered Heads Together) against the achievements of learning math grade SMK X 1 Durenan Islamic school year 2015/2016 with a value of $t\_arithmetic$ (4.670) > t_table (1.98932) at the 5% significance level , (3) there is a significant influence of the application of the model of learning motivation and achievement against NHT learn grade SMK X 1 Durenan Islamic school year 2015/2016, indicated by the price F to Pillai's Trace, Wilks ' Lambda, Hotelling's

Trace, Roy's Largest Root class has significance 0.000 which arinya the significance value smaller than 0.05. This means that the price F to Pillai's Trace, Wilks' Lambda, Hotelling's Trace, Roy's Largest Root all significant..