

**COMPARISON OF STUDENT'S MATHEMATICS ACHIEVEMENT BY
IMPLEMENTING THINK PAIR SHARE (TPS) AND NUMBERED
HEADS TOGETHER (NHT) ON TRIGONOMETRY FOR X
GRADE STUDENTS IN SMA NEGERI 1 BATANG
NATAL IN THE YEAR OF 2012/2013**

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ABSTACT

Objective of this study is to know whether student's mathematics achievement who taught with TPS higher than student's mathematics achievement who taught with NHT on trigonometry.

The type of research which is used in this study is Quasi Experiment Research with Posttest Only Design with two experiment classes. Population of this study is all of students in X grade of SMA Negeri 1 Batang Natal. Sample of this study is taken randomly of two classes. They are experiment class I (X_2) taught with TPS model and experiment class II (X_3) taught with NHT model. Hypothesis test method that is used is independent sample t-test.

Result of this study at $\alpha = .05$ shown that $t_{count} > t_{table}$ namely $1.689 > 1.668$. It means that student's mathematics achievement who taught with TPS higher than student's mathematics achievement who taught with NHT on trigonometry for X grade students in SMA Negeri 1 Batang Natal.