HIGHLAND HIGH SCHOOL
LESSON PLAN

NAME: *A. Daka* DATE: 3*0 - 06 - 10* CLASS: *10 'O'*

SUBJECT : *Mathematics* TIME: No. of Pupils: 47

TOPIC: *Processes of Algebra - Simplify Simple Algebraic Fractions.* DEPT: *Mathematics*

REFERENCE/AIDS: *Mathematics 10 and Chalkboard.*

LESSON OBJECTIVES: *At the end of the lesson, PSBAT:*

(a) Simplify Simple Algebraic Fractions.

(b) Factorise algebraic expressions and then simplify Simple Algebraic Fractions.

(c)) Get at least 7 out of 10

TIME PHASE	CONTENT	TEACHER'S ACTIVITY	PUPIL'S ACTIVITY	METHO DOLOGY
5 – 10 minutes	Introduction	*- Teach asking pupils to Simplify Common fractions.* *- Telling pupils that Algebraic Fractions contain at least one letter,*	*- Answering orally and note taking.*	*. Question and answer.*
30 minutes	Lesson Development - Simplifying simple algebraic Fractions	*- Then explaining to them how to simplify algebraic fraction: e.g.* Simplify each of the following: 1. $\frac{3a.}{15b}$ 2. $\frac{m + n .}{m^2 - n^2}$ 3. $\frac{x^2 - 4 .}{3x^2-5x-2}$ 4. $\frac{p^3qr^2}{pq^2r}$ 5. $\frac{2y^2 - 50}{y^2 - 25}$ 6. $\frac{(a + 1)}{b} \div \frac{(a + 1)^2}{b^2}$ 7. $\frac{x + y.}{7x + 7y}$	*- Pupils to participate in working out examples on the chalkboard.* - *Writing notes.*	*-Teacher exposition with chalkboard*

40 minutes	Assessment	*- Teacher giving Class Work* *Ex1 P63* 1. $\frac{12a}{4b}$ 2. $\frac{7x - 49y}{42}$ 3. $\frac{4x^2}{5x + xy}$. 4. $\frac{m^3n^3}{m^2n^3}$ 5. $\frac{b^2 - 9}{b + 3}$ 6. $\frac{2y^2 + y - 1}{2y^2 + 5y - 3}$; 7. $\frac{x^2 + 14x + 49}{x^2 + 2x - 35}$ 8. $\frac{3x^2 + 10x - 8}{6x^2 - 13x + 6}$ 9. $\frac{1 - y^2}{y^2 - y + 2}$ 10. $\frac{4x + 20}{3x + 15}$ *-Then going round giving individual attention to pupils needing help.*	*-Doing the exercise individually in their notebooks.*	*- Chalkboard*

EVALUATION:

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