

FORM 1

TERM 2

MATHEMATICS.

TOPIC 9: ALGEBRAIC EXPRESSIONS.

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1

TERM: 2

YEAR.....

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: REPRESENTING NUMBERS WITH LETTERS.

WEEK: 1

LESSON

NUMBER: 1

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

-Use letters to represent numbers

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Ask probing questions to test the learner's knowledge of algebra.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KLB students book 1 page 80-81

30 MINUTES	BODY DEVELOPMENT Lead the learners in representing numbers with letters.	-Discussions -Doing exercises -Guessing -Demonstrations	-Counters -Groups of items	-Discovering secondary mathematics book 1 page 85-86 -Secondary mathematics KLB students book 1 page 80-81
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KLB students book 1 page 80-81

SELF-EVALUATION: _____

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS.

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: SIMPLIFYING ALGEBRAIC EXPRESSIONS.

WEEK: 1
NUMBER: 1

LESSON

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

Simplify algebraic expressions

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Review the previous lesson.	Discussion. Questions and answers.	-Chalk board/white board.	-Secondary mathematics KIE book 1

			-A piece of chalk/ marker pen.	page 49-51
30 MINUTES	BODY DEVELOPMENT -Discussions -Doing exercises -Grouping items together -Adding objects -Multiplying and dividing	-Discussions -Doing exercises -Grouping items together -Adding objects -Multiplying and dividing	-Counters -Groups of items -charts	-Discovering secondary mathematics book 1 page 86-88 -Secondary mathematics KLB students book 1 page 82-84 -Advancing mathematics book 1 page 74-75 -Secondary mathematics KIE book 1 page 49-51
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 49-51

SELF-EVALUATION: _____

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: MULTIPLYING ALGEBRAIC EXPRESSIONS.

WEEK: 1
NUMBER: 1

LESSON

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

Multiply algebraic expressions

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Review the previous lesson.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 49-51
30 MINUTES	BODY DEVELOPMENT -Discussions -Simplification of algebraic expressions -Multiplying algebraic expressions -Grouping like items -Doing exercises	-Discussions -Simplification of algebraic expressions -Multiplying algebraic expressions -Grouping like items -Doing exercises	-Groups of unlike items -Groups of like items	-Discovering secondary mathematics book 1 page 87 -Secondary mathematics KLB students book 1 page 89 -Advancing mathematics book 1 page 75 -Secondary mathematics KIE book 1 page 49-51
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 49-51

SELF-EVALUATION: _____

TO GET COMPLETE COPY TEXT/WHATSAPP ELIBRARY **0700584968**

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS.

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: DIVIDING ALGEBRAIC EXPRESSIONS.

WEEK: 1
NUMBER: 1

LESSON

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

Divide algebraic expressions

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Review the previous lesson on multiplying the algebraic expressions.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	Secondary mathematics KIE book 1 page 49-51
30 MINUTES	BODY DEVELOPMENT -Discussions -factorization -Grouping like items -Doing exercises -Puzzles -games	-Discussions -factorization -Grouping like items -Doing exercises -Puzzles -games	-Groups of like items.	-Discovering secondary mathematics book 1 page 87-88 -Secondary mathematics KLB students book 1 page 89 -Advancing mathematics book 1 page 76
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	Secondary mathematics KIE book 1 page 49-51

TO GET COMPLETE COPY TEXT/WHATSAPP ELIBRARY **0700584968**

SELF-

EVALUATION: _____

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:

TO GET COMPLETE COPY TEXT/WHATSAPP ELIBRARY **0700584968**

MATHEMATICS.

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: USE OF BRACKETS IN ALGEBRAIC EXPRESSIONS.

WEEK: 1
NUMBER: 1

LESSON

DATE:

.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

-Use of brackets in algebraic expressions

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Review the previous lesson.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 52-53
30 MINUTES	BODY DEVELOPMENT -Discussions -Adding -Subtracting -Demonstrations -Matching items -Multiplying -Dividing -Doing exercises	-Discussions -Adding -Subtracting -Demonstrations -Matching items -Multiplying -Dividing -Doing exercises	-Groups of like items/objects	-Discovering secondary mathematics book 1 page 88-89 -Secondary mathematics KLB students book 1 page 85 -Advancing mathematics book 1 page 77 -Secondary mathematics KIE book 1 page 52-53

5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 52-53
--------------	---	-------------------------	---	---

SELF-
EVALUATION: _____

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS.

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: FACTORIZATION IN ALGEBRAIC EXPRESSIONS.

WEEK: 1
NUMBER: 1

LESSON

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

-Use factorization in algebraic expressions

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	INTRODUCTION Explain the meaning of factorization.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 57-58

30 MINUTES	BODY DEVELOPMENT -Discussions -Factorizing -puzzles -Adding -Substitutions -Doing exercises -Playing games	-Discussions -Factorizing -puzzles -Adding -Substitutions -Doing exercises -Playing games	-Groups of like items/objects	-Discovering secondary mathematics book 1 page 88-91 -Secondary mathematics KLB students book 1 page 90 -Advancing mathematics book 1 page 81-83 -Secondary mathematics KIE book 1 page 57-58
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Secondary mathematics KIE book 1 page 57-58

SELF-EVALUATION: _____

TEACHER'S NAME:
.....

TSC NO:

SCHOOL/ INSTITUTION :
.....

FORM: 1
YEAR.....

TERM: 2

NUMBER OF STUDENTS..... SUBJECT:
MATHEMATICS.

TOPIC: ALGEBRAIC EXPRESSIONS.

SUB-TOPIC: SUBSTITUTION AND FACTORIZATION.

WEEK: 1
NUMBER: 1

LESSON

DATE:
.....

TIME:

OBJECTIVES: By the end of the lesson the learner should be able to;

-Substitute and factorize algebraic expressions.

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE

5 MINUTES	INTRODUCTION Explain the meaning of substitution.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Advancing mathematics book 1 page 80& 84
30 MINUTES	BODY DEVELOPMENT -Discussions -Dividing -multiplying -Adding -Subtracting -Solving puzzles -Substitutions -Doing exercises -Playing games	-Discussions -Dividing -multiplying -Adding -Subtracting -Solving puzzles -Substitutions -Doing exercises -Playing games	-Groups of like items/objects	-Discovering secondary mathematics book 1 page 91-94 -Secondary mathematics KLB students book 1 page 91-92 -Advancing mathematics book 1 page 80& 84
5 MINUTES	CONCLUSION Giving assignment on the sub-topic.	Question and answers	-Chalk board/white board. -A piece of chalk/ marker pen.	-Advancing mathematics book 1 page 80& 84

SELF-EVALUATION: _____

TO GET COMPLETE COPY TEXT/WHATSAPP ELIBRARY **0700584968**

FOR FULL COPY WHATSAPP
ELIBRARY **0700584968**