THE FORMULA METHOD

**TEACHERS NAME…………………………………………………………….TSC NO……………………………**

**SCHOOL/ INSTITUTION……………………………………………………………………………………………**

**FORM:** THREE

**SUBJECT:** MATHEMATICS **TOPIC:** QUADRATIC EXPRESSIONS AND EQUATIONS

**SUB TOPIC:** SOLVING THE FORMED EQUATION USING THE FORMULA METHOD

**WEEK: 3 LESSON NO: 5**

**DATE………………………………………………………..TIME…………………………………………………..**

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

1. Solve the formed equations using the formula method

**LESSON PRESENTATION**

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| --- | --- | --- | --- |
| TIME | CONTENT | LEARNING ACTIVITIES | RESOURCE MATERIALS |
| 5 Minutes | **Introduction**  Review the previous lesson on forming quadratic expressions from given situations | * Asking questions * Answering questions * Explaining | * KLB Secondary Mathematics students book 3 page 10 |
| 30 Minutes | **Content**  Illustrate using examples how to solve the formed equations using the formula method  Learners to form equations and solve the formed equations using the quadratic formula method | * Substituting values * Drawing graphs * Factorizing numbers * Solving problems | * KLB Secondary Mathematics Bk3 Pg. 10 * Explore Mathematics * Discovering Secondary Mathematics * Graph papers * Factors of numbers |
| 5 Minutes | **Conclusion**  Review the whole lesson by giving a brief summary on solving the formed equations using the formula method | * Asking and answering questions * Exercises | * KLB Secondary Mathematics students book 3 page10 |

**SELF EVALUATION**