



RESEARCH ARTICLE

DIFFICULTIES AND SOLUTIONS TO PROBLEMS ENCOUNTERED WHILE TEACHING POLYNOMIALS

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ABSTRACT

Rosemary Students of Class IX students and their effective study on the study difficulties in the abyss of algebra.

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INTRODUCTION

Every 26th January we celebrate Republic Day. On this day, all power is given to the people, that is, the common people. In our India, as a democratic nation, we elect people elected from the people themselves to run the country as representatives of the people. How should they run the country? This is decided by the constitution. The country is run according to the prepared constitution. According to the 86th Constitutional Amendment 2002, free and compulsory education has become a fundamental right of children between the ages of 6 and 14 years and it has become the responsibility of the states. After Article 21 of the Constitution, a new article 21-A with the above content has been included in the Constitution. The Right of Children to Free and Compulsory Education Act 2009 has set the goal of all-round development of students along with free and compulsory education for children. Since 2001, Sarva Shiksha Abhiyan has been implemented throughout Maharashtra for the universalization of education and quality education. The motto of this scheme is 'Sare Shiku Ya, Aajta Jaa Ya'. Under this scheme, various plans have been planned for the all-round development of children and the responsibility for successfully completing those plans lies with all the officers of the Education Department, all the officers, employees of the S.S.A. and the most important element on whom all the schools are responsible is the principal of the school. For the results of these schemes to be positive, the principal has to play his role responsibly. The principal spends a lot of time in organizing the circulars of these schemes, various circulars of other governments, school folders and implementing this scheme, which affects teaching and other school activities as well as the quality of the students².

LITERATURE REVIEW

While living life, we face many problems everywhere. Necessity is the mother of invention. This statement is true. We face many problems, big and small, in our daily lives and we try to find a way out of them. But some problems make us feel uneasy. We feel a special attraction towards them. Students face difficulties while solving examples on polynomials in mathematics. Realizing the potential difficulties and potential dangers that arise due to the lack of a clear definition of the term polynomial, the researcher has chosen this research to gain more information on this topic and implement solutions to this problem. As human life evolved, the exchange of thoughts between individuals began. But since it was difficult to express every thought with the help of language, the basis of mathematics began to be taken. Mathematics is a subject that is useful in human life in various ways. It is said that the situation of a blind person will not be different from the situation of a person who does business without mathematics. Even when starting the daily routine, we have to take the basis of mathematics. For example, as soon as we wake up in the morning, what time is it? This question is present in front of us. At the same time, the use of mathematics also becomes important in purchasing goods and transactions. After explaining and practicing the concepts of identifying terms in polynomials, dividing polynomials, ratio method, etc. to the students, After taking it, students' reasoning skills are stimulated by solving examples.

Objectives

- To find out whether the students know the concepts of two variables/polynomials.

- To find out what kind of mistakes students make in the element of two variables/polynomials.
- To improve the acquisition of factors of two variables/polynomials through practice and appropriate instruction.
- Studying the effectiveness of remedial teaching.

RESEARCH METHOD

Many researchers have drawn some conclusions based on various researches. These true statements are generally accepted. The researcher's research is based on some of these conclusions. The researcher does not go through the process of checking these statements through that research. Such statements are called hypotheses.

- Solutions and solutions to the learning difficulties faced by class 9 students in the polynomials component of algebra.
- Students make mistakes while writing equations of two variables/polynomials.
- Students are unable to solve examples using formulas correctly.

RESULTS

In the present chapter, the need for research, title, functional definition, significance of the research, scope, limitations, objectives, hypotheses, and hypotheses have been briefly mentioned. The following steps were taken. In the next chapter, the relevant literature was studied.

DISCUSSION

A hypothesis is a possible answer to a problem that a researcher proposes based on experience, study, and logic.

The research hypothesis is that there is a significant increase in students' achievement regarding this factor after providing remedial teaching and special practice. The null hypothesis is that there is no significant increase in students' achievement despite providing remedial teaching and practice.

CONCLUSION

The tools for data collection are as follows. Observation, interview, questionnaire, checklist. The present research used acquisition tests to determine whether or not students have knowledge of the relevant subject.

Limitations: Factors in research over which the researcher has no control, however, are factors. Limits the conclusions. Providing information about such factors is to clarify the limitations of the research.

The present research is limited to one school, New English School, Kharadgaon, Taluka-Shevgaon, District Ahilyanagar. 2. The present research is based on the data of class IX students of New English School, Kharadgaon, Taluka-Shevgaon, District Ahilyanagar. It is limited to students only.

The present research is limited to 40 students of class IX of New English School, Kharadgaon, Taluka-Shevgaon, District Ahilyanagar.

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