

**BAL BHARATI PUBLIC SCHOOL, GRHM**  
**HOLIDAY HOMEWORK, CLASS IX**  
**SESSION - 2023-24**  
**SUBJECT – MATHEMATICS**

**OBJECTIVES:**

- To make students revise the work done in the class.
- To keep students engaged by doing various interesting and innovative activities.
- To motivate students, search about the given topics.
- To enhance the creativity of the students.

S.no.	Week	Work Assigned	Learning objectives
1	29 May to 4 June 2023	Locate $\sqrt{5.7}$ and $\sqrt{17}$ on the number line.  Do the assignment on The Number System.	Students will be able to think practically and will correlate it with their knowledge and imagination.
2.	5 June to 11 June 2023	Write the Laws of Exponents on a sheet and give an example of each Law. <b>Activity:</b> Prepare a mosaic work(use mathematical shapes in it) with a variety of colored papers, beads etc. showcasing pictures/photographs related to Lakshadweep, Andaman & Nicobar and relate it with mathematics	Students will be able to present ideas creatively
3.	12 June to 18 June 2023	Verify the identity $(a + b)^3 = a^3 + b^3 + 3a^2b + 3ab^2$ algebraically and by cutting and pasting. <b>Activity:</b> Present the geographical and historical data of Lakshadweep, Andaman & Nicobar Islands in your own words( it can be in the tabular form)	Students will show creativity and will learn to give expression to ideas.
4.	19 June to 25 June 2023	Write, understand and learn Algebraic identities.  Do the assignment on Polynomials.	Students will be able to understand and apply the Identities.

**NOTE:**

Do all the work on A4 colored sheets and submit in a file when asked to do so.