

**KENDRIYA VIDYALAYA, IIT CAMPUS, CHENNAI -36**

**HOLIDAY HW – CLASS IX**

Any Two:

1. Design a cross word puzzle with mathematical terms
2. Ancient Number Systems
3. Forming magic squares
4. History of Algebra
5. To verify  $(a + b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$

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**HOLIDAY HW – CLASS X**

Any Two:

1. Pythagoras Theorem - different proofs
2. Generation of Pythagorean Triplets
3. Ramanujan Number - 1729
4. Magic Squares
5. Mayan system of Numbers