SREE VIDYANIKETHAN
International School

Holiday Homework

Class: VI   **Subject: Mathematics**

1. Find the difference between the greatest and the least number that can be written using the digits 6, 2, 7, 4, 3 each only once.

2. To stitch a shirt 2 m 15 cm cloth is needed. Out of 40 m cloth, how many shirts can be stitched and how much cloth will remain?

3. On a squared paper, sketch the following:
   (i) A triangle with a horizontal line of symmetry but no vertical line of symmetry.
   (ii) A quadrilateral with both horizontal and vertical lines of symmetry.
   (iii) A quadrilateral with a horizontal line of symmetry but no vertical line of symmetry.
   (iv) A hexagon with exactly with two lines of symmetry.
   (v) A hexagon with six lines of symmetry.

4. Consider the letters of English alphabets A to Z. List among them the letters which have:
   (i) vertical lines of symmetry (like A)
   (ii) horizontal lines of symmetry (like B)
   (iii) no lines of symmetry (like Q)

5. Estimate each of the following using general rule:
   (i) 730 + 998
   (ii) 796 – 314
   (iii) 12,904 + 2,888
   (iv) 28,292 – 21,496

6. Estimate the following products using general rule:
   (i) 578 x 161
   (ii) 5281 x 3491
   (iii) 1291 x 592
   (iv) 9250 x 29

7. Represent the fractions 1/2, 1/3, 1/4, 1/5 by paper folding using rectangular strips of paper.

8. Write the word ' MATHEMATICS' using line segments and observe the number of right angles, number of angles more than a right angle and number of angles less than a right angle.

9. Make a chart of different types of fractions with the help of pictorial presentation.

10. Write the following numbers in the Indian and International place value charts. Mark the period with commas and write the number names.
    (i) 7 9 8 5 6 0 2 9   (ii) 3 6 5 4 9 5 8 7   (iii) 2 7 0 3 6 8 4 3   (iv)1 3 6 9 1 2 3 8 0