INDIAN SCHOOL SOHAR
CLASS VI
WINTER HOLIDAY HOMEWORK (2016-2017)
SUBJECT: MATHEMATICS

NAME: _____   CLASS VI____

1. Convert the improper fractions $\frac{23}{7}$ and $\frac{83}{11}$ into mixed fractions.

2. Convert the mixed fractions $4\frac{2}{15}$ and $2\frac{1}{13}$ into improper fractions.

3. Write any three equivalent fractions of $\frac{5}{6}$ and $\frac{8}{13}$.

4. Arrange the following fractions in ascending and descending order.

   (a) $\frac{8}{12}, \frac{8}{10}, \frac{8}{28}, \frac{8}{17}$ (b) $\frac{7}{12}, \frac{3}{12}, \frac{11}{12}, \frac{4}{12}$ (c) 6.54, 6.45, 6.4, 6.5, 6.05   (d) 0.03, 0.3, 10.1, 5.342

5. Find (a) $2\frac{1}{5} - \frac{3}{10}$ (b) $4 - \frac{5}{8}$ (c) $3\frac{1}{2} + \frac{4}{9}$ (d) $\frac{8}{15} + \frac{101}{15}$ (e) $5\frac{4}{9} - 1\frac{1}{6} + \frac{2}{3}$

   (f) 11.357 – 6.078   (g) 36.05 – 12.6   (h) 140.3 – 58.257   (i) 48.6 + 124.42

6. Show the following on the number line.

   (a) 0.4   (b) 2.9   (c) $\frac{8}{5}$ (d) $\frac{7}{11}$

7. Simon has 2 pieces of cloths measuring $6\frac{1}{4}$ metres and $5\frac{2}{5}$ metres. He used $8\frac{1}{6}$ metres for his shirts and the remaining cloth was kept to be used for table cover. How much cloth is left for table cover ?

8. A story book has 272 pages. Kavita read 104 pages on Monday, 144 pages on Tuesday and the rest of the pages on Wednesday.

   (a) What fraction of the book did she read each day ?

   (b) On which day did Kavita read the greatest part of the book ?

   (c) Do you think reading story books is a good habit or just a waste of time ?

9. The cost of a radio set is Rs. 495.50 and cost of a tape recorder is Rs. 765. What is the total cost of these two ?

10. Johny has Rs. 729.50 and Tony has Rs. 805.75. Who has more and by how much ?

******THE END******