INDIAN SCHOOL AL WADI AL KABIR
DEPARTMENT OF MATHEMATICS (2015-2016)

TOPIC: HOLIDAY HOME WORK   **WORKSHEET NO:**

NAME OF THE STUDENT: ....   **CLASS: VII   SEC:** ....

1. Sale of English and Hindi books in different years are given below:

Years	2001	2002	2003	2004
English	350	400	450	620
Hindi	500	450	630	280

   a) Draw a double bar graph and answer the following question
   b) In which year the difference in sale was least?
   c) In which year the difference in sale was maximum?
   d) Which language books shows only growth in their sale?

2. There are 10 buttons in a box, 5 are blue3 are red and 2 are yellow. What is the probability of getting
   a) A red button?
   b) A blue button?

3. Shaloo purchased 4 books of ₹ 37.60 each and 2 pens at ₹ 5.25each. Umama purchased 3 books at ₹ 25.50 and 4 pens at ₹ 10.75 each. Who paid more money? By how much?

4. Divide $4\frac{3}{7} \div 1\frac{1}{14}$

5. A car covers a distance o if 95.85 in 4.5 litres of petrol. How much distance will it cover in one liter of petrol?

6. Find the area of a rectangular field of length $17\frac{1}{2}$ m and breadth $12\frac{3}{4}$ m.

7. Meenakshi plants 6 saplings in a row in her garden. The distance between two adjacent saplings is $\frac{4}{7}$ m. Find the distance between first and the last sapling.

8. Which is greater?

   $\frac{2}{7}$ of $\frac{7}{5}$ or $\frac{3}{5}$ of $\frac{5}{8}$

9. Set up equation and solve it:
   a) Amina subtracts thrice number from 70 and he gets 100.
   b) Add 3 to 6 times a number, you get 39.

10. Construct 3 equations starting from x = 4

11. In an isosceles triangle, base angles are equal and the vertex angle is 50°. What are the base angles?

12. What is the perimeter of an equilateral triangle with side 5.5 cm?

13. Out of 2100 students of a school $\frac{5}{7}$ of them are boys. Find the number of girls.

14. A number is divided by 4 and 6 is subtracted from the quotient, the result is 3. Find the number.

15. $12\frac{3}{4}$ litres of milk was poured equally into 7 small containers. How much milk will be there in each container?

16. Multiply : $5\frac{3}{6} \times 2\frac{2}{11}$

17. Find the solution of 3m + 12 = 24.

18. How much is 175km less than 385.6km?

19. Following are the marks (out of 30) of 5 students in 2nd Term and 3rd Term exam. Draw a double bar graph.

Students	Naina	Anju	Poonam	Meera	Kiran
2nd Term	15	25	20	28	18
3rd Term	10	20	22	26	26

20. Write a pair of integers whose

   a) Sum is 0   b) Sum is (-6)