

CLASS - VII (MATHS)

Topic HOLIDAY HOMEWORK Date _____

①

① Solve the following equations :-

(a) $7 + 5(P-1) = 37$

(b) $4 = 3(P-2)$

② Set up an equation :-

(i) Laxmi's father is 54 years old. He is 4 years older than three times Laxmi's age

③ Following data gives total marks (out of 600) obtained by ^(out of) ~~six hundred~~ five children of a particular class. Represent the data on bar graph.

Students	Ajay	Bali	Dipti	Hari	Raju
Marks obtained	500	450	300	650	700

④ Solve the following :-

Sachin scored twice as many as runs as Rahul. Together their runs fell four short of a double century. How many runs did each one score?

⑤ An elevator descends into a mine shaft at the rate of 5m/min. If the descent starts from 10m above the ground level, how long will it take to reach -250m.

⑥ The length of a rectangle is 7.5m and breadth is 2.5m. What is the area of the rectangle.

- ⑦ A car covers a distance of 89.1 km in 22 hours. What is the average distance covered by it in 1 hour?
- ⑧ Write the following equation in statement forms:—
 (a) $\frac{m}{5} = 3$ (b) $3P + 6 = 37$
- ⑨ Construct 3 equations starting with $x = 2$
- ⑩ What is the probability of getting a prime number, when we throw a die.
- ⑪ Solve:—
 a) $\frac{2}{5} + \frac{15}{7}$ (b) $\frac{2}{5} \times \frac{15}{7}$
- ⑫ Explain commutative property of addition with the help of an example.

Project:— Compare the marks obtained by a student in all the subjects (in first term and second term) by drawing a double bar graph using paper cutting and pasting.

Note:— * Revise full syllabus done in the class

* Holiday Homework will be checked on 3rd, 4th and 5th July.