



Holiday Homework - Class VII

Subject	Homework Details
English	1. Make a flow chart of all parts of speech on A4 size sheet. 2. Write paragraphs creatively on: <ul style="list-style-type: none">• My Country• Save Water – Save Life 3. Read Chapters 4 and 5 in the reader book and find difficult words.
Science - Physics	Complete Chapter 1 and Chapter 2 worksheets in notebook and learn them.
Science - Chemistry	Do picture-based and application-based questions of Chapters 1 and 2 in notebook. Complete Worksheets 1 & 2. Learn Elements 1 to 20 with symbols.
Science - Biology	Do picture-based and application-based questions of Chapters 1 & 2 in notebook.
Hindi-I	Finish exercises of Chapters 3 and 4 and learn them.
Hindi-II	काल के प्रकार लिखिए। विलोम शब्द, पर्यायवाची शब्द, मुहावरे और शब्द भेद लिखिए।
SST	1. In the physical map of India, label all states and union territories with capitals and learn them. 2. On chart paper, paste pictures of 5 historical monuments of India and write about them.
Urdu	1. 5 Dictation 2. Chapters 7 & 8: Fill exercises and find Q/A. 3. Write a 10-line essay on Teacher.
Computer	Learn Chapter 2 completely and draw a computer system on chart paper or thermocol sheet.
GK	1. Write 50 countries with their capitals in notebook and learn them. 2. Complete book work up to Chapter 20.
Drawing	Create a colourful drawing or painting showing how you spent your summer holidays.

Mathematics

Very short answer type questions

1. Evaluate and then write the reciprocal of the answer

(i) $\frac{3}{10} + \frac{4}{5}$

(ii) $1\frac{1}{2} + 2\frac{5}{8}$

(iii) $\frac{4}{9} \times \frac{12}{10}$

(iv) $3\frac{3}{4} - 1\frac{1}{4}$

2. Divide :

(i) $\frac{8}{12} \div \frac{5}{18}$

(ii) $4\frac{3}{5} \div \frac{2}{3}$

(iii) $5\frac{1}{4} \div 1\frac{1}{8}$

(iv) $8\frac{2}{3} \div 5\frac{7}{9}$

3. Convert :

(i) 29.83 hm to m

(ii) 32.48 dag to kg

(iii) 179.6 dg to hg

(iv) 6 km 350 m to m

(v) 349 cL to L and cL

(vi) 6095 mg to g and mg

4. What is the value of $(4.7 \times 13.26 + 4.7 \times 9.43 + 4.7 \times 77.31)$?

Short answer type questions

5. Simplify :

(i) $\left(2\frac{3}{4} - 1\frac{1}{3}\right) \times \frac{3}{4}$

(ii) $3\frac{1}{4} \times 2\frac{1}{3} - 1\frac{1}{4} \times \frac{1}{5}$

6. Find :

(i) $1\frac{13}{27} \times 2\frac{11}{12} \div 3\frac{1}{9}$ (ii) $1\frac{1}{8} \times 2\frac{1}{4} \div 1\frac{1}{14}$ (iii) $1\frac{1}{8} \div 2\frac{1}{4} \times 4\frac{1}{3}$

Long answer type questions

7. Gauri spends 0.75 of her salary every month. If she earns Rs 12000 per month, in how many months will she save Rs 39000?
8. How many jars each holding 1.75 kg of jam can be filled from a vessel containing 100 kg of jam, and how much remains ?
9. Simplify : $8.7 - [7.6 - \{6.5 - (5.4 - \overline{4.3 - 2})\}]$
10. A tank is $\frac{3}{5}$ full of water. 50 litres more are required to fill it up. How many litres can the tank hold?
11. Mr. Joshi bequeathed $\frac{1}{3}$ of his money to his son, $\frac{1}{5}$ to his daughter and the remaining to his wife who got Rs 42,000. What was the total amount?

High order thinking skills (HOTS)

12. A multiplying number machine changes one fraction into another fraction by using a rule. If changed $\frac{1}{2}$ into $\frac{1}{10}$; $\frac{1}{7}$ into $\frac{1}{35}$ and $\frac{2}{3}$ into $\frac{2}{15}$. Into what fraction will the machine change $\frac{5}{3}$?
13. What is the least fraction that must be added to $\left(1\frac{1}{3} \div 1\frac{1}{2}\right) \div 1\frac{1}{9}$ to make the result an integer?
14. Mrs. Gupta bought $45\frac{1}{4}$ metres of fabric. She used $38\frac{1}{3}$ metres to make 12 curtains and half of the remaining to make four cushion covers. How much fabric in metres was used to make a cushion covers?
15. After the 7th grade final exams, karan gave away $\frac{5}{6}$ of his books and sold $\frac{2}{5}$ of the remaining. If he had 120 books, how many did he sell?