

**SARASWATI WORLD SCHOOL**  
**SESSION 2026-27**  
**HOLIDAYS' HOMEWORK**  
**CLASS 7**



**MATHEMATICS**

## Worksheet: Simplify and Express in Lowest Form

1.  $(\frac{3}{5} + \frac{4}{7} - \frac{2}{3})$
2. Evaluate:  $(\frac{5}{9} \times \frac{3}{7} \div \frac{2}{3})$
3. A ribbon of length  $4 \frac{1}{5}$  m is cut into small pieces each of length  $\frac{3}{5}$  m. How many pieces will be created?
4. Express 0.0625 as a fraction in its simplest form.
5. Multiply and express as a mixed fraction:  $3 \times 5 \frac{1}{5}$
6. Arrange in descending order: -2, 1, 0, -3, 4, -5
7. A certain freezing process requires that room temperature be lowered from  $50^{\circ}\text{C}$  at the rate of  $10^{\circ}\text{C}$  every hour. What will be the room temperature 8 hours after the process begins?
8. What is the additive inverse of -18?
9. Find the missing integer:  $\_\_ \times (-8) = -32$
10. Find the value of:  $-15 + (-8) - (-12) + 6$

**Projects & Activities**

- **Poster:** Make a creative poster explaining the "Properties of Integers" (Closure, Commutative, Associative, Additive Inverse) with examples.
  
- **Survey:** Survey 8 families in your locality. Calculate the fraction of families having a four-wheeler, two-wheeler, or both, relative to the total families surveyed. Represent these fractions on a Circle (Pie Chart).

## ENGLISH

- Daily Task: Do 1 page of cursive writing daily.
- Picture Description: Paste or draw a picture of a park, a beach, or a market. Write 10–12 sentences describing the picture on a chart paper.
- Word Hunt: Write 10 nouns, 10 verbs, and 10 adjectives from newspapers or books.
- Tense Activity: Write 5 sentences each in Present tense, Past tense, and Future tense.
- Pronouns: Write 5 sentences using pronouns like he, she, they, we, it.
- Vocabulary: Learn 15 new English words with meanings and make sentences.
- Reading: Read any English story and write: Story name, 5 new words, and the Moral of the story.

## COMPUTER

### Creative Work

- Poster (Roll No. 1 to 35): Draw or create a poster on chart paper for one of the following: AI Teacher, Robot Doctors, Flying AI Taxis, Smart Schools, or Robot Chefs.
- Paragraph: Write a short paragraph on "How AI will change the future."
- Chart (Roll No. 36 to 70): Make a chart pasting images of Hardware, Software, Input devices, and Output devices on an A4 size sheet.

### Learning Work

- Learn A to Z Shortcut keys.
- Learn full forms: Computer, CPU, Monitor, Keyboard, Mouse.
- Learn the working process of the CPU.

### Worksheet (To be done in Fair Notebook)

- Paragraph: Write a short paragraph on "Importance of Computers."

- Shortcut Keys: Write uses of:

Ctrl + C

Ctrl + V

Ctrl + X

Ctrl + S

- True/False:

1. Ctrl + V is used to paste text.
2. MS Word is a drawing software.
3. Font size changes the size of text.
4. Ctrl + X is used to cut text.



5. Bold makes the text darker.

• Fill in the blanks:

1. MS Word is used for \_\_\_\_\_ documents.
2. Ctrl + S is used to \_\_\_\_\_ a file.
3. Ctrl + C is used to \_\_\_\_\_ text.
4. Changing the style of text is called \_\_\_\_\_.
5. Underline tool draws a line \_\_\_\_\_ the text.

• Drawing: Draw and color "Parts of Computer."

### **DRAWING**

- Write an Inspirational Quote on an A4 size sheet (Roll No. 1 to 15).
- Make a poster on: 15 August, Janmashtami, Hindi Diwas, or Teacher's Day.

### **GENERAL KNOWLEDGE**

1. Collect and paste 10 important news articles from May–June in a chart paper.
2. Make a list of 10 scientist inventions.
3. Prepare 20 G.K. questions from topics: Sports and Science.
4. Write about any three famous personalities: Name, birthplace, and achievements.

### **HINDI**

- Writing: 15 pages of Sulekh (neat handwriting).
- Reading: Read Chapters 4 to 9 and find their question-answers.
- Vocabulary: Learn 20 word meanings (Shabd-arth).
- Activity: Make a chart on a religious festival (Dharmik Tyohar).

• Hindi Grammar:

- Read Chapters 3 to 6 and complete the book work.
- Write 10 antonyms (Vilom Shabd).
- Letter Writing: Write a letter to your grandparents describing how you spent your summer vacations.

### **SCIENCE**

1. Make a chart on Photosynthesis
2. Make a model showing heat transfer (conduction/convection/radiation)
3. Create a mind map of both chapters

**Make a table and marked the following**

**Day | Date | Plant Height (cm) | No. of Leaves | Observation (Color/Change)**

Day	Date	Plant Height (cm)	No. of Leaves	Observation (Color/Change)

### Objective

To observe and record the growth of a plant over 30 days.

### Materials Required

- \* A small pot
- \* Soil
- \* Seeds (mustard / moong / coriander recommended)
- \* Water
- \* Ruler
- \* Notebook

### Procedure

1. Fill the pot with soil.
2. Sow the seeds in the soil.
3. Water the plant daily (do not overwater).
4. Keep the plant in sunlight.
5. Measure the height of the plant every day using a ruler.
6. Record your observations carefully.

### SST

1. Observe your surroundings and prepare a mini report on:

- i) Types of landforms nearby (plain, river, forest)
- ii) List 6 trees/plants around your area and their uses.

2. Make a 3D model of layers of Earth.
3. Prepare a mini constitution for school.
4. Imagine you are the principal.

Create 10 rules for your ideal school and explain:

- i) Why rules are important
- ii) How they help maintain discipline.