

# DAV Public School Bistupur, Jamshedpur

Class 7, 2026-27

## HOLIDAY HOMEWORK

### Subject - English

**I.** Grandparents are cheerleaders in life' But with emerging socializing trends, the young generation tends to ignore the elderly they spend most of their time on phones taps and laptops.

- i) As a grandchild what are your responsibilities towards your grandparents?
- ii) How can you fulfill your responsibilities?

**II.** The environment is the natural surroundings in which life exists, comprising air, water, land, plants, and animals. Protecting the environment is crucial for maintaining a healthy planet. write an article in 150 to 200 words on- **“Protect Our Environment, Protect Our Future”**.

### **III.Do as directed.**

1. I ordered \_\_\_\_\_ servant to leave \_\_\_\_\_ room. (Fill with correct articles)
2. Bread and butter \_\_\_\_\_ a nutritious breakfast. (is/are)
3. How beautiful this painting is ! ( Change into assertive sentence)
4. They played football.( Change into interrogative)
5. She is writing a letter to her grandmother. (Change into Past Perfect Tense)
6. We must go for a walk daily to remain fit. ( Identify the sentence)
7. He drinks coffee every morning. (Change into Present Continuous Tense)
8. We should think ill of others.( Change into negative)
9. in live city a Spanish beautiful old I (unjumble to frame meaningful sentence)
10. The singing of birds \_\_\_\_\_ ( add predicate)

11. \_\_\_\_\_ greeted me with a sweet smile ( add subject)
12. \_\_\_\_\_ apple a day keeps the doctor away. (Fill with appropriate article)
13. What a clever girl you are! ( Identify the sentence)
14. She bought \_\_\_\_\_ dress for the party. (Fill with a possessive pronoun)
15. This is the girl won \_\_\_\_\_ first prize. (Fill with an article)
16. The frog jumped \_\_\_\_\_ the well. (Fill with a suitable preposition)
17. She has been absent \_\_\_\_\_ Monday. (Fill with a suitable preposition) .

**IV.Prepare a Pictorial depiction plan for the poem "I Dream a World" by Langston Hughes for classroom presentation.**

You can follow the instructions given below:

Title:

I Dream a World

— Langston Hughes

Main Idea of the Picture -

The poem imagines a beautiful world where: There is love, there is peace, there is freedom, there is no hatred or greed,all people live together happily.

Your picture should show a dream-like peaceful world full of harmony and hope.For example -

Draw the Earth in the Centre Draw a big globe (Earth) in the middle.Show children or people of different cultures holding hands around it.This represents unity and equality.

**Instructions:**

Question no. I,II and III to be done in a separate small Note book and Q no. IV to be done in a chart paper.

## Subject- Sanskrit

- १)संख्या १-५० खातिकायां लिखित्वा अभ्यासं कुर्वन्तु ।
- २)दीर्घ, गुण, वृद्धि सन्धेः उदाहरणानि खातिकायां लिखन्तु ।
- ३)किम् शब्दरूपाणि त्रिषु लिङ्गेषु लिखित्वा कण्ठस्थी कुर्वन्तु ।
- ४)गम्, कृ, लभ् धातुरूपाणि खातिकायां लिखित्वा पठन्तु ।

## Subject- Hindi

- 1.) सुलेख- 15 पृष्ठ
- 2.) 10 उपसर्ग एवं 10 प्रत्यय की सहायता से दो-दो नए शब्दों का निर्माण करें।
- 2.) "समय" कविता कंठस्थ करें।
- 3.)अपने मित्र को पत्र लिखकर बताएं कि आपने गर्मी की छुट्टियों में क्या-क्या किया?

*नोट - सभी लेखन-कार्य हिंदी की उत्तर पुस्तिका में लिखें।*

## Subject- Maths

### Chapter: Rational Numbers

#### 1. What is a Rational Number?

A rational number is a number that can be written in the form  $p/q$ , where:

**p and q are integers and  $q \neq 0$**

Examples:  $1/2$ ,  $-3/4$ , 5, 0,

**1. Write 5 examples of rational numbers.**

**2. Identify the numerator and denominator in:**

a)  $7/9$

b)  $-5/8$

**3. Is 0 a rational number? Explain why.**

**4. Write three equivalent rational numbers for  $2/3$ .**

**5. Write the rational number with:**

a) Numerator = 5, Denominator = -7

b) Numerator = -4, Denominator = 9

**6.. Addition**

Solve:

a)  $1/3 + 2/5$

b)  $-\frac{4}{7} + \frac{3}{7}$

c)  $\frac{5}{6} + (-\frac{1}{2})$

### **7. Subtraction**

a)  $\frac{7}{8} - \frac{3}{4}$

b)  $-\frac{5}{6} - \frac{1}{3}$

c)  $\frac{9}{10} - (-\frac{2}{5})$

### **8 Multiplication**

a)  $\frac{2}{3} \times \frac{3}{5}$

b)  $-\frac{4}{7} \times \frac{2}{9}$

c)  $\frac{5}{6} \times (-\frac{3}{4})$

### **9... Division**

a)  $\frac{3}{4} \div \frac{2}{5}$

b)  $-\frac{6}{7} \div \frac{3}{8}$

c)  $\frac{5}{9} \div (-\frac{2}{3})$

**10. A student reads  $\frac{3}{5}$  of a book on one day and  $\frac{2}{5}$  the next day.**

**How much did they read in total?**

**11. The temperature dropped by  $\frac{5}{2}^{\circ}\text{C}$  in the morning and  $\frac{3}{2}^{\circ}\text{C}$  in the evening. What is the total drop?**

**12. A rope is  $\frac{7}{8}$  m long. If  $\frac{3}{8}$  m is cut off, how much is left?**

**13. A tank is filled with  $\frac{4}{5}$  litre of water. If it is divided equally into 2 parts, how much water is in each part?**

**14. Find a rational number between  $\frac{2}{3}$  and  $\frac{3}{4}$ .**

**15. Draw number line and represent:**

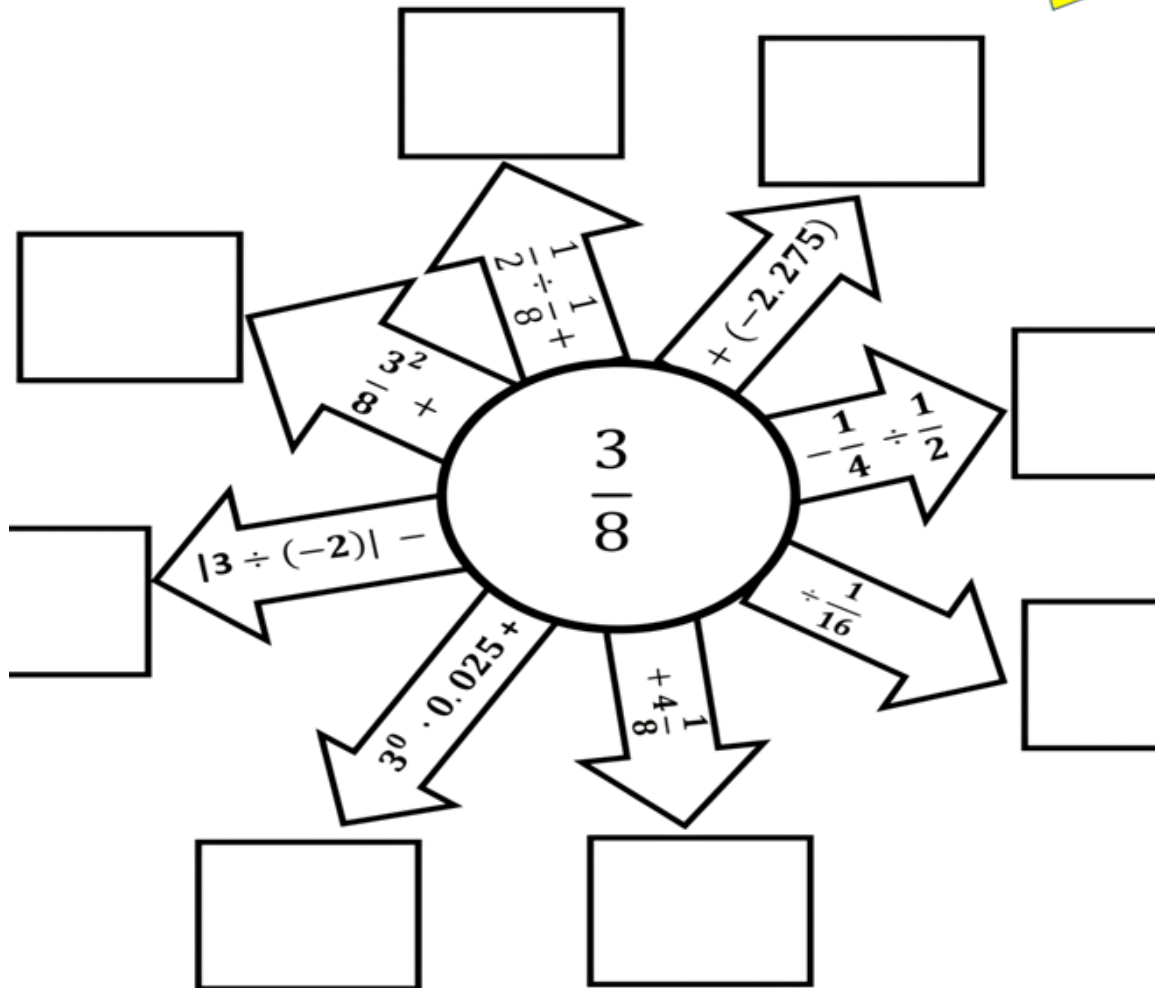
$\frac{1}{2}$ ,  $-\frac{1}{3}$ ,  $\frac{3}{4}$ ,  $-\frac{2}{5}$



## Activity on Rational number

Fill out the graphic below. Place your answers in the rectangular boxes. Remember when working with all rational numbers to change to same form first. Always use BODMAS rules.

OAS  
7.2.



## PIZZA TOPPINGS

Cheese:  $\frac{8}{8} = \frac{2}{2} = \frac{3}{3} = 1$

Pepperoni:  $\frac{6}{8} = \frac{3}{4} = \frac{12}{16} = \frac{18}{24}$

Mushroom:  $\frac{3}{8} = \frac{6}{16} = \frac{9}{24} = \frac{12}{32}$

Green Pepper:  $\frac{4}{8} = \frac{1}{2} = \frac{2}{4} = \frac{8}{16}$

Olive:  $\frac{2}{8} = \frac{1}{4} = \frac{4}{16} = \frac{3}{12}$

John ate all of the slices with cheese and pepperoni. What fraction of the pizza did he eat?

Ryan bought 9 pizzas identical to this one. What fraction of these pizzas is cheese, pepperoni and green pepper?



## **Subject – Social Science**

### **1. Geography :-**

#### **1.Components of environment collage**

Collect pictures from old magazines/newspapers and create a collage showcasing the natural environment( land, water, air, living things) vs Human- made environment( buildings, parks, roads etc).

**2. On an outline map of India, locate and label the major soil types( alluvial, black ,red, laterite, desert, mountain soil).**

### **2.History:-**

**Compare the administration of North India and South India with suitable examples.**

**Or**

**How do the temples of North India differ from the temples of South India?**

**With diagrams**

### **3.Civics:-**

**Family Survey Activity**

**Ask 5 family members or neighbours:**

## **Questions:**

Why is voting important?

Do all people get equal opportunities in society?

What changes are needed for equality?

Present the answers in:

Pie chart / Bar graph

Short conclusion

## **Subject – Science**

### **1. Biology :-**

- Prepare a model of Stomach / Liver / Pancreas / Small Intestine / Buccal Cavity . Any one , using eco friendly materials . No use of thermocol. You have to present it as Role play of Organs. Write about it's structure, location , function, diseases or defects related to the organs and how to take care of the organs?
- Learn all the questions and answers taught in the class.

## **2. Physics:-**

- 1. Show in a chart paper land breeze and Seema breeze**
- 2. Show with diagram the mode of transfer of heat.**

*( Take one chart paper divide it into two equal half and do no 1 and 2 in the same chart.)*

## **3. Chemistry:-**

- Consider your class roll number as your atomic number and explore and make a portfolio for physical properties and uses of for that element .**
- Example**
- Roll no 1, so portfolio will be on element Hydrogen**