

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK
CLASS- NURSERY (2025-26)

S.No	Subject	Homework
1.	ENGLISH	<p><u>ORAL-</u> <u>English Rhymes</u> –Revise rhymes from page 5 to page16 from the book Angel Rhymes -A</p> <p><u>WRITTEN -</u> <u>Activity-</u> Fun with letters S,A,T 1) <u>Tracing</u>–Parents will help the child trace the letter S,A, T with their finger on : Sand ,rice or wheat flour tray. 2) Stick pieces of newspaper on A4 sheet to form the letters S,A,T 3) Paste clay on A4 sheet to form the letters S,A,T 4) <u>Colouring</u>– Draw S,A,T on paper and make your child colour it.</p>
2.	MATHS	<p><u>ORAL –</u> Counting 1 to 10 <u>BonusFun –</u> Hop & Count Hop 10 times while counting loudly. Parents can record and call out the numbers.</p> <p><u>WRITTEN –</u> 1) <u>Tracing</u> –Parents will help the child trace the numbers 1,2and 3 with their finger on: Sand, rice or wheat flour tray. 2) <u>Colouring and Pasting</u>– On a sheet write big 1,2,3 Ask the child to colour them. Paste tiny decorative stickers or bindis on it. 3) <u>Clay Activity</u> –Roll clay and form numbers 1,2,3</p>
3.	HINDI	<p><u>ORAL:</u> अ से ऊ तक मौखिक अभ्यास कराना है। <u>हिन्दी फुहार-</u> कविता - पेज 2, 3 का पुनः अभ्यास कराना है।</p> <p><u>WRITTEN-</u> 4 सब्जियों व फलों की पहचान कराते हुए A4 शीट पर लगवाना।</p>
4.	STORY TELLING (ORAL)	Revise the Q. & Ans. Of the given story – “The Very Hungry Caterpillar”

Kindly Note: Please read Hindi/English stories at bedtime to encourage reading habits.
 Plan a visit to the Zoo. It can be a great way for students to learn about different animals.

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK
CLASS- L.K.G (2025-26)

S.no	Subject	Homework
1.	ENGLISH	ORAL: Revise phonic sound of group 1&2 (s,a,t,i,p,n,c,k,e,h,r,m,d) WRITTEN: Do the work given in H.W. notebook.
2.	MATHS	ORAL: 1. Revise Counting 1-100 2. Reverse counting 20 – 1 WRITTEN: Do the work given in H.W. notebook.
3.	HINDI	ORAL: वर्णमाला _अ से म तक याद करें। कविता _ सूरज गोल चन्दा गोल याद करें तितली रानी याद करें। कहानी _ (शेर का दर्द) याद करें WRITTEN: Do the work given in H.W. notebook.
4.	G.K.(ORAL)	Revise the topics, “Body parts” and “Cleanliness”.
5.	STORY TELLING (ORAL)	Revise the question answers of the given story ‘THE SLEEPING BEAUTY’

Kindly Note: Please read Hindi/English stories at bedtime to encourage reading habits.

Nature Walk: A nature walk every morning or evening to connect with the outdoors and learn about nature.

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK
CLASS- UKG(2025-2026)

S.No	Subject	Homework
1.	ENGLISH	<u>ORAL:</u> Revise phonic sound of group1&2(s,a,t,i,p,n,c/k,e,h,r,m,d) <u>WRITTEN:</u> Do the work given in H.W. notebook.
2.	MATHS	<u>ORAL:</u> 1. Revise number names 1-10 <u>WRITTEN:</u> Do the work given in H.W. notebook.
3.	HINDI	<u>ORAL:</u> Learn Varnmala _ poems & story (photocopies given in the diary). <u>WRITTEN:</u> Do the work given in H.W. notebook.
4.	G.K. (ORAL)	Revise topics- My body parts, My sense organs, My teeth
5.	STORY TELLING (ORAL)	Revise the given question answers of "JACK & THE BEAN STALK"

Kindly Note: Please read Hindi/English stories at bedtime to encourage reading habits.

Nature Walk: Take a short walk with your child every morning and observe nature. Talk to them about trees and flowers.

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK
CLASS- I
(2025-26)

S.No	Subject	Homework
1.	MATHS	<p>Revise the tables of 2, 3 and 4 write it in self work note book. Learn the number names (1 to 100) and days of the week.</p> <p>Practice the exercises done in Maths Book (5 sums <u>daily</u> of each in rough notebook)</p>
2.	ENGLISH Literature & Language	<p>Revise the work done of chapters:</p> <ol style="list-style-type: none"> 1. The Red Raincoat 2. Rani's First Day at School <p>Revise Noun, gender, one and many <u>and do</u> one exercise of each in rough notebook.</p>
3.	EVS	<p>Revise the work done of chapters:</p> <ol style="list-style-type: none"> 1. My Body 2. The food we eat 3. The clothes we wear 4. Clean, fit and healthy <p>Practice the drawing of sense organs in rough notebook.</p>
4.	Hindi	<p>उ , ऊ एवं ऋ की मात्रा के दस - दस शब्द HW नोटबुक में लिखें। सुलेख पुस्तिका में पेज नं. 11 से 22 तक लिखें। मछली रानी कविता याद करें तथा CW नोटबुक में कराये गये कार्य को याद करें। स्ट्रैप बुक में दस फलों के चित्र चिपकाकर उनके नाम लिखें।</p>
5.	Scrapbook	<p>Paste the pictures of healthy and unhealthy food (5 each).</p> <p>Draw a family tree using passport size photographs of your family members.</p>
6.	G.K	<p>Revise all the work done till page 10 in book.</p>

HOLIDAY HOMEWORK

CLASS- 2

2025-26

S.No	Subject	Homework
1.	ENGLISH LITERATURE	Learn all the work done in book and notebook. Learn poem Summer Time Rock Do till page no. 20 in English Writing Book
2.	ENGLISH LANGUAGE	Learn all the work done in book and notebook.
3.	MATHS	Practice work done in book and notebook. Write table of 2 to 5 in self work notebook.
4.	EVS	Learn all the work done in book and notebook. Activity -: Paste the picture of two internal and two external organs in your scrapbook.
5.	G.K.	Learn all the work done in book
6.	COMPUTER	Learn all work done in book and notebook. Paste the picture of desktop computer and label its parts in your scrap book.
7.	HINDI	Learn work done in book and notebook. Do till page no. 20 in Hindi writing book. कविता नया सवेरा याद करो।
8.	ART	Complete page 6 and 7 in your craft book. Make decorative bottles.

THE LUCKNOW PUBLIC COLLEGIATE

HOLIDAY HOMEWORK (2025-2026)

CLASS-III

SUBJECTS	HOMEWORK
English Literature	Revise the work done in book and notebook. Paste 5 headlines from an English newspaper on a coloured A4 sheet Do one page writing daily in your English Writing/Dictation notebook.
English Language	Revise the work done in book and notebook. Read a story book (Panchtantra Story) and write any 10 new words with their meanings in your English self work notebook.
Maths	Learn tables 2to12. Practice 5 sums daily from Chapter-1 and 2 in your Maths Self Work notebook. Make an abacus using thermacol , colourful paper, sticks and colourful beads.
GK	Revise the work done in book .
Hindi	Do 15 pages writing in your Hindi Writing/Dictation notebook. Learn all the work done in Hindi Literature and Hindi Language book and notebook. Collect the pictures of exhibitions held in Lucknow from the Newspapers (Art & Craft exhibition, Handloom exhibition, etc.) and make a collage on chart paper.
Science	Revise the work done in book and notebook. Paste 2 pictures of each- Solid Liquid Gases and Write 2 properties of each on a chart paper.
S.St	Revise the work done in book and Notebook. Divide a chart paper into 3 parts and paste the pictures of 5former presidents of India, 5 former Vice presidents of India, 5 former Prime Ministers of India and name them.
Computer	Revise the work done in book and notebook Make invitation card for a party using MS paint.
Art and Craft	Complete art book work till page no.7-9 Complete craft book page no.4,6,7 Make wall hanging using cardboards/popsicles sticks/ paper cups/ air dry clay

THE LUCKNOW PUBLIC COLLEGIATE**HOLIDAY HOMEWORK (2025-2026)****CLASS-IV**

SUBJECTS	HOMEWORK
English Literature	<ul style="list-style-type: none">* Learn the work done in the Notebook.* Learn the poem-Going Downhill on a Bicycle* Do one page writing in your English Writing/Dictation notebook.
English Language	*Write an application to the Principal requesting him to grant you four days leave as you have to attend uncle's wedding. In your English Self Work nb.
Maths	<p>Learn tables 2 to 20</p> <ul style="list-style-type: none">*Practice sums of Chapter-1and 2 in your Maths Self Work notebook.
GK	Learn the work done in your book.
Hindi Literature	कार्य पुस्तिका एवं पाठ्य पुस्तिका में कार्य किया गया कार्य याद करें 10 पेज सुलेख हिंदी Writing/Dictation में करें।
Hindi Language	कार्य पुस्तिका एवं पाठ्य पुस्तिका में कार्य किया गया कार्य याद करें Activity: संज्ञा एवं भेद का कोलॉज बनायें।
Science	<ul style="list-style-type: none">* Learn the work done in book and notebook of Ch 1 and 5.* Draw the pictures of safety signs in scrap book and describe them.
S.St	<ul style="list-style-type: none">* Learn the work done in book and notebook.* Make a model of Desert area using cardboard box.* Read Chapter-5
Computer	<ul style="list-style-type: none">* Learn all the work done in book and notebook.* Make models of any 2 secondary storage devices and icons of application software like recycle bin, Microsoft word, Google chrome etc.
Art and Craft	<p>Pg 4-7 in art book Pg 5-7 in craft book Activity- CD's craft Make bird from a CD, Wall Clock from a CD Mandala Art on a CD, Make a cycle using CD</p>

THE LUCKNOW PUBLIC COLLEGIATE**HOLIDAY HOMEWORK (2025- 2026)****CLASS - V**

SUBJECTS	HOMEWORK
English Literature	Revise the work done in book and notebook. Learn the poem 'The Wind'. Do 10 pages of writing in your Writing/Dictation notebook.
English Language	Revise the work done in book and notebook. Write an application to the Principal requesting him to grant you leave for a medical check-up. (in Self Work notebook)
Maths	Practice sums from Chapter 1 & 2 in your Self Work register. Learn tables 2 to 20
GK	Learn the work done in your book. Write 10 Current Affairs of June in your Self Work.
Hindi Literature	कार्य पुस्तिका एवं पाठ्य पुस्तिका में कार्य किया गया कार्य याद करें 10 पेज सुलेख हिंदी Writing/Dictation में करें।
Hindi Language	कार्य पुस्तिका एवं पाठ्य पुस्तिका में कार्य किया गया कार्य याद करें Activity: संज्ञा एवं भेद का कोलॉज बनायें।
Science	Revise the work done in book and notebook of chapter 1 & 4. Activity: In Scrap book : 1) List the 5 main microbes with pictures and describe some useful and harmful uses of microbes. 2) Use pictures to show how germs spread and what preventive measures can be taken.
S.St	Learn the work done in book and notebook. Activity: Make a chart on any 4 Natural Disasters and how is it caused , and after effects of it.
Computer	Learn the work done in book and notebook. Make icons of web browser like refresh button, search button, backward button, history, favourite.
Art and Craft	Complete till Pg 4 to 7,16,22,26 1. Jewellery making using beads, wires, clips, air-dry clay 2. Fabric painting on table cloth, handkerchief, T-Shirt Activity: Jewellery making and Fabric Painting
Sanskrit	कार्य पुस्तिका में लिखाये गये कार्य को याद करें। वन्दना को अर्थ सहित याद करें। प्रोजेक्ट - एक चार्ट में संस्कृत वर्णमाला स्वर तथा व्यंजन को लिखकर चार्ट को सुंदर ढंग से तैयार करें।
Urdu	Learn Huroof Tahajji. Learn Airaab Zabar Zee,Pesh. Do 1page writing everyday in self work , notebook.

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK 2025-26)
Class - VI

SUBJECTS	HOMEWORK
English Literature	Learn word meanings, word opposites and Que/Ans. Of chapters given Ch 1– The Chair (prose) and Ch 2– Hamara Bharat Incredible India (poetry)
English Language	Write one famous quotation on “Friendship” in your own language on a punch paper, colour and decorate it.
Hindi literature	पढ़ाए गए सभी पाठ पढ़ेंगे एवं शब्दार्थ और प्रश्न उत्तर याद करेंगे रोज़ लिखने का अभ्यास करेंगे।
Hindi language	पाठ 1- भाषा, बोली, लिपि एवं व्याकरण पाठ 2 - वर्ण विचार याद करेंगे। विलोम और पर्यायवाची 1 से 20 तक कक्षा पुस्तिका में करेंगे हिंदी गतिविधि - आपने अपनी “गर्मियों की छुट्टियाँ” कैसे बिताई चित्र वर्णन के साथ पंचशीट पर लिखेंगे ।
Science	<p>Physics- 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter 3. Project File:- Make a project file and working model of below mentioned topics. A. Water Harvesting model B. Water Pollution model C. Solar energy model D. Periscope model</p> <p>Chemistry- 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter 3. Project File:- Make a project file and working model of below mentioned topics. A. Water distillation model B. Waste water treatment model C . Water cycle model D. Rainwater harvesting model E. Filtration model</p> <p>Biology- 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter. 3. Project File:- Make a project file and working model of below mentioned topics. A. Photosynthesis in plant model B. Parts of plant 3D model C . Seed germination project model D. Stomata (opening and closing) model E. Plant cell and animal cell 3 D model</p>

Maths	<p>Practice sums from Ch-1 Knowing Our Numbers, Ch-2 Whole Numbers, Ch-3 Playing with Numbers: Factors & Multiples in Self Work register</p> <p>Activity/Project</p> <ol style="list-style-type: none"> 1. Write the divisibility rules for 2, 3, 4, 5, 8, 9, 10 & 11 with examples for each on punch sheet. 2. Write the population of any 5 states of India in Indian & International System of Numeration on punch sheet. 3. Learn the tables from 12 to 25.
Social Science	<p>Geography-1. Revise the chapter Locating places on Earth-I and learn the work done. 2. Prepare a booklet depicting the cuisines and costumes of Nagaland</p> <p>History- Make a chart on the differences in the way of life between early and modern humans. Some of the points can be-</p> <ol style="list-style-type: none"> 1 Hunter gatherer Vs food producer 2. Caves, rock shelters Vs houses. 3. Paintings on rocks Vs those on paper, canvas, 4. Nomadic life Vs settled life 5. Stone tools Vs modern tools. 6. What early humans ate Vs what we eat now <p>Civics- Topic- Diversity</p> <p><u>Activity/Project:</u> Make lists of the birthplaces of at least 5 classmates and the birth places of their parents, the student's mother tongues and other languages known to them.</p>
Computer	<ol style="list-style-type: none"> 1. Write differences among C++, Java and Python on a chart. 2. Learn Question answers of chapter "Coding in C++, Python & Java".
Sanskrit	<p>कार्य पुस्तिका में कराया गया समस्त कार्य याद करें एवं लिखकर अभ्यास करें । पंचशीट पर 11 से 20 तक संस्कृत शब्दों में गिनती तथा श्लोक 1, 2 लिखें और याद करें ।</p>
Urdu	<p>Learn Huroof Tahajji and urdu numbers 1 to 100</p> <p>Learn word meaning and Question/answer of chapter 1</p> <p>Writing 15 pages in SW copy</p>
G.K.	<ol style="list-style-type: none"> 1. Prepare a chart on different types of Natural Disasters 2. Learn page 1-15

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK 2025-26
Class - VII

SUBJECTS	HOMEWORK
English Literature	1. Learn the word meanings and question answers of chapter “Three Questions”. 2. Revise the word opposites and RTC of “The Rebel”.
English Language	1. Make a poster on A3 size sheet inviting nearby schools to a Cultural Fest being organized by your school. 2. Do Comprehension given on page no. 159 to 162.
Hindi literature	पढ़ाए गए सभी पाठ पढ़ेंगे एवं शब्दार्थ और प्रश्न उत्तर याद करेंगे रोज़ लिखने का अभ्यास करेंगे।
Hindi language	पाठ 1- भाषा, बोली, लिपि एवं व्याकरण पाठ 2 - वर्ण विचार याद करेंगे विलोम और पर्यायवाची 1 से 20 तक कक्षा पुस्तिका में करेंगे हिंदी गतिविधि - मोबाइल फोन बच्चों के लिए उपयुक्त है या अनुपयुक्त पर अनुच्छेद लेखन । यह कार्य चित्र वर्णन के साथ पंचशीट पर किया जाएगा।
Maths	<u>Ch-1 Integers</u> Exercise 1(B)- Questions 9 to 13 Exercise 1(C)- Questions 7 to 14 <u>Ch-2 Fraction</u> Exercise 2(A) –Questions 7 to 13 Exercise 2(B) – Questions 5 to 18 Exercise 2(C) – Questions 5 to 13 <u>Ch-3 Decimals</u> Exercise 3(A) – Questions 11 to 32 Exercise 3(B) – Questions 10 to 13 Exercise 3(C) – Questions 8 to 14 <u>Note :- Kindly learn the tables from 12 to 25</u> Do given activity on punch sheets
Social Science	Geography - Project on Types of Soil, also paste some samples that are grown on that soil (vegetation) and revise PT 1 Course History & Civics- Q1. Make a poster depicting the powerful kingdoms of South India in the medieval period. Q2. Read and revise Chapters- The Medieval World, Regional Kingdoms and Democracy Q3. As an active citizen of your country, prepare a pamphlet or poster, on an A4 sized sheet, encouraging fellow citizens to vote actively. Q4. Prepare a booklet, showing the various cuisines of Arunachal Pradesh.

Science	<p>Physics-</p> <ol style="list-style-type: none"> 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter. 3. Project File:- Make a project file and working model of below mentioned topic. <ol style="list-style-type: none"> A. Walking robot B. Balloon powered car. C. Water turbine project D. Working windmill project <p>Chemistry- 1. Prepared syllabus of periodic test-1</p> <ol style="list-style-type: none"> 2. Learn Ques/Ans and exercise of periodic test -1 chapters 3. PROJECT FILE- Make a project file and working model of below mentioned topic - <ol style="list-style-type: none"> A. Rainwater harvesting model B. Acid rain model C. Water cycle model D. Water purification model <p>Biology- 1. Prepare syllabus of periodic test -1</p> <ol style="list-style-type: none"> 2. Learn Ques/Ans and exercise of periodic test -1 chapters 3. PROJECT FILE- Make a project file and working model of below mentioned topic - <ol style="list-style-type: none"> A. Photosynthesis in plant model B. Neuron structure model C. Soil Layer model D. Respiratory system model
Computer	<ol style="list-style-type: none"> 1. Convert the following on Punch Sheets. <ol style="list-style-type: none"> (A) Decimal to Binary <ol style="list-style-type: none"> (i) 432 (ii) 301 (B) Binary to Decimal <ol style="list-style-type: none"> (i) 101011 (ii) 111010 (C) Octal to Decimal <ol style="list-style-type: none"> (i) 723 (ii) 423 (D) Decimal to hexadecimal <ol style="list-style-type: none"> (i) 649 (ii) 931 2. Learn Question Answers of Chapter “Charts in MS Excel”. 3. Make figure of at least 4 charts (coloured) given on page no.-19, 20 & 21 on a chart paper.
Sanskrit	कार्य पुस्तिका में कराया गया समस्त कार्य याद करें एवं लिखकर अभ्यास करें। A4 sheet पर 1 से 20 तक संस्कृत शब्दों में गिनती तथा श्लोक लिखें और याद करें।
Urdu	Learn Huroof Tahajji and urdu numbers 1 to 100 Learn word meaning and Question/answer of chapter 1. Writing 15 pages in SW copy
FRENCH	<ul style="list-style-type: none"> • Revise Articles • Paste pictures of different objects label it with definite and indefinite articles
GK	<ul style="list-style-type: none"> • Learn Page 1 to 15

THE LUCKNOW PUBLIC COLLEGIATE
HOLIDAY HOMEWORK 2025-26

Class - VIII

SUBJECTS	HOMEWORK
English	1) Write a letter to the editor of India Today magazine expressing your concern about the dying cultural heritage of the country. Suggests majors to preserve and promote it. 2) Do comprehension in grammar book pg 159-163 3) Learn PT 1 word meanings and question answers. 4) On a half chart paper in landscape, write your favourite quotation on i) Gratitude ii) Friendship iii) Resilience iv) Nature and decorate it beautifully.
Hindi	1. 'सूर के पद', 'बस की यात्रा' पाठ पुनः पढ़ें। शब्दार्थ और प्रश्नोत्तर याद करें। 2. 'एकता में शक्ति' विषय पर एक लघु कथा लिखें। 3. 'जब मैंने पहली बार बस यात्रा की' विषय पर एक अनुच्छेद लिखें। (ये दोनों कार्य व्याकरण पुस्तिका में करें) 4. व्याकरण खण्ड से : संज्ञा व संज्ञा के विकार दोहराएं। अभ्यास हेतु पुस्तक में अभ्यास कार्य करें। विलोम और पर्यायवाची याद करें। संज्ञा की गतिविधि पंचशीट में करें।
Maths	Solve the given worksheet in SW notebooks and do given activity on punch sheets.
Science	Physics- 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter. 3. Project File:- Make a project file and working model of below mentioned topic. A. Vacuum cleaner project B. Laser security system for house C. Electric ropeway project D. Aryabhatta satellite model Chemistry- 1. Prepare syllabus of Periodic test -1. 2. Learn Q/Ans and exercises of each chapter. 3. Project File:- Make a project file and working model of below mentioned topic. A. Hydro Power Plant B. Electrolysis Biology- 1. Prepare syllabus of periodic test -1 2. Learn Ques/ Ans and exercise of periodic test -1 chapters 3. Make a chart on different types of microorganisms. 4. PROJECT FILE - Make a project file and working model of below mentioned topic A. Bacteria model (3-D) B. Plant cell model C. Animal cell model D. Respiratory system model

Social Science	Geography - Make a file on the extinct & endangered species of animals & paste their pictures Revise PT-1 course. History - Q1. Read and revise Ch- 1 How when and where Q2. Prepare a chart on the Governor Generals of British India also write few lines about them Civics - Q1. Read and revise Ch-1 The Indian Constitution Q2. Design a Preamble abiding to all the rights and duties of all the students in school. You can also take hint from Preamble of Constitution of India. Q3. Prepare a chart on the Fundamental Rights, provided by the Constitution of India.
Computer	1. Write short notes on Network Architecture and it's types on a Punch Sheet. (Maximum 100 words; without any figure) 2. Learn Chapter "Networking Concepts". 3. Draw the figure of any 5 topics mentioned in the chapter "Networking Concepts" on 5 separate punch sheets.
Sanskrit	1. पढाये गये पाठ के प्रश्नोत्तर और शब्दार्थ याद करें। 2. संस्कृत में दो श्लोक पंच शीट पर लिखें। 3. गतिविधि : वन महोत्सव का चित्र बनाकर उस पर पांच वाक्य संस्कृत में लिखें। (यह कार्य पंचशीट पर करें)
Urdu	Learn word /Meaning and Question/Answer of chapter 1&2. Reading one page daily. Writing 20 pages in SW copy.
GK	Learn Page 1 to 15.

MATHEMATICS

Que 1. Solve the following Equations

- | | |
|--|--|
| a) $(2x - 5)/(3x - 1) = (2x - 1)/(3x + 2)$ | b) $(3 - 7x)/(15 + 2x) = 0$ |
| c) $(0.4y - 3)/(1.5y + 9) = -7/5$ | d) $2/(3x - 1) + 3/(3x + 1) = 5/3x$ |
| e) $2/(x - 3) + 1/(x - 1) = 5/(x - 1) - 2/(x - 2)$ | f) $15(x - y) - 3(x - 9) + 5(x + 6) = 0$ |
| g) $y/2 - 1/2 = y/3 + 1/4$ | h) $(0.5y - 9)/0.25 = 4y - 3$ |
| i) $(t)[17(2 - y) - 5(y + 12)]/(1 - 7y) = 8$ | j) $5x - 11 = 3x + 9$ |
| k) $3y + 4 = 7 - 2y$ | l) $9 - 2(x - 5) = x + 10$ |
| m) $5(y - 1) = 3(2y - 5) - (1 - 3y)$ | n) $2(x - 1) - 6x = 10 - 2(x - 4)$ |
| o) $x/3 - (x - 2)/2 = 7/3$ | p) $(x - 3)/4 + (x - 1)/5 - (x - 2)/3 = 1$ |

Qus 2: Find the additive inverse of a) $-5/9$ b) 3

Qus 3: Find the multiplicative inverse of a) $7/9$ b) $1/3$ c) 3

Qus 4: Multiply $6/13$ by reciprocal of $-7/16$

Qus 5: Find three rational number $3/4$ and $1/2$

Qus 6: Find four rational numbers smaller than 2.

Qus 7: Write

- i) The rational number that does not have a reciprocal.
- ii) The rational numbers that are equal to their reciprocals.
- iii) The rational number that is equal to its negative

Qus 8: Fill in the blanks

- i) Associative property is not followed by which type of numbers?
- ii) _____ is the identity for the addition of rational numbers.
- iii) What is the multiplicative identity for rational numbers?
- iv) What is the additive inverse of $3/5$?
- v) How many reciprocals does zero have?
- vi) The rational number that does not have any reciprocal at all.
- vii) The rational numbers those are equal to their reciprocals.
- viii) The rational number that is equal to its negative.
- ix) Give a rational number which when added to it gives the same number.
- x) By what rational number should $22/7$ be divided, to get the number $-11/24$?
- xi) Represent the following rational numbers on the number line.
i) $3/10$ (ii) $8/7$ (iii) 1.345 (iv) $21/7$
- xii) If you subtract $1/8$ from a number and multiply the result by $1/4$, you Get $1/16$. What is the number?