

Enjoy your holidays

Holidays
Homework



CLASS-8 (2022-23)

ENGLISH

1. Prepare Tenses chart with examples on an A3 size sheet according to your Roll.no.
 - i) PRESENT TENSE (ROLL NO. 1-15)
 - ii) PAST TENSE (Roll NO. 16-30)
 - iii) FUTURE TENSE (ROLL NO. 31 till last)
2. Define Adverb. Pick out any twenty adverbs from the newspaper. Identify their kinds with the help of grammar book. Write their meanings along with sentences.
3. Read Unit 1. Section 2. A Most Important Person (Course Book) and write a short summary in your own words. Remember -Worksheets will be provided during regular classes to check your reading.
4. Write a paragraph on ' Human Values' in about 150 words.
5. Make a model/chart/wall hanging/poster for English lab.

Note: Do H.W. 3. In literature notebook.

Do H.W. 2. And 4. In grammar notebook.

HINDI

नोट- * अवकाश गृहकार्य एक अलग कॉपी में करें | *अवकाश गृहकार्य के अंक दिए जाएँगे |

* सभी को इसे जमा करवाना है |

1.कक्षा में पढ़ाए व समझाए गए सभी पाठों को दोबारा पढ़ें व उनके प्रश्नोत्तर लिखकर याद करें |

2. अधूरा कार्य पूरा कीजिए |

3. पूर्वोत्तर भारत के किसी एक राज्य की संस्कृति पर सचित्र परियोजना बनाइए (file के रूप में)

4. वृक्षारोपण पर नारा एवं पोस्टर बनाइए

5.'यदि मैं पुलिस इंस्पेक्टर बन जाऊँ ' विषय पर 60 - 70 शब्दों में संकेत - बिंदुओं के आधार पर अनुच्छेद लिखिए | संकेत - बिंदु :- भूमिका, अभिलाषा, पुलिस तंत्र में सुधार, वर्तमान स्थिति, भविष्य

6. 1 से 100 तक हिंदी गिनती लिखकर याद करें |

7. 20 -20 पर्यायवाची व विलोम शब्द लिखें |

8. 5 पृष्ठ सुलेख लिखें |

9. किताब में दी गई कविताओं के अलावा कोई एक कविता सुर, लय, ताल में याद करें व कक्षा में सुनाइए |

10.निम्नलिखित विषयों पर मॉडल व चार्ट बनाएँ-

रोल नंबर 1-6 : संधि पर

रोल नंबर 7-12: कोरोना वायरस पर

रोल नंबर 13-18: विलोम शब्दों पर या कारक पर

रोल नंबर 19-24: संज्ञा पर

रोल नंबर 25-30 : स्वर और व्यंजन पर

रोल नंबर 31-36: पर्यायवाची शब्दों पर या पर्यावरण संरक्षण पर

रोल नंबर 37- 42: किताब में दिए गए पाठों में से किसी एक कवि या कवयित्री का स्केच बनाएं।

रोल नंबर 43- 48 : उपसर्ग एवं प्रत्यय पर ।

MATHS

1. Model on EXPONENTS ,
(Sun and Planets using light weight balls,paper balls and show their distance in standard form)
2. Square Puzzles/Crossword (Solve 2 puzzles On A-3 sheet by using colours)
3. Worksheets of Chapters: 1 and 2

(Solve these worksheets in a Separate Notebook)

<p>Grade 8 Maths Rational Number Multiple Choice Questions (MCQs)</p> <p>1. Associative property is not followed in</p> <p>(a) whole numbers (b) integers (c) natural numbers (d) none of these</p> <p>2. is the identity for the addition of rational numbers.</p> <p>(a) 1 (b) 0 (c) -1 (d) $\frac{1}{2}$</p> <p>3. is the multiplicative identity for rational numbers.</p> <p>(a) 1 (b) 0 (c) -1 (d) $\frac{1}{2}$</p> <p>4. The additive inverse of $\frac{7}{5}$ is:</p> <p>(a) 1 (b) 0 (c) $-\frac{7}{5}$ (d) $\frac{7}{5}$</p> <p>5. What number should be added to $\frac{7}{12}$ to get $\frac{1}{12}$?</p> <p>(a) $-\frac{10}{12}$ (b) $-\frac{11}{12}$ (c) $\frac{10}{12}$</p>	<p>6. What number should be subtracted from $-\frac{2}{3}$ to get -2?</p> <p>(a) $-\frac{7}{3}$ (b) $-\frac{14}{3}$ (c) $\frac{14}{3}$ (d) $\frac{7}{3}$</p> <p>7. Which of the rational numbers $-\frac{5}{16}, -\frac{13}{24}, \frac{3}{-4}, \frac{7}{-12}$ is the smallest?</p> <p>(a) $-\frac{5}{16}$ (b) $-\frac{13}{24}$ (c) $-\frac{3}{4}$ (d) $-\frac{7}{12}$</p> <p>8. Rational number $\frac{3}{10}$ is equal to:</p> <p>(a) 0.75 (b) 0.12 (c) 0.012 (d) 0.075</p> <p>9. A rational number between $\frac{1}{3}$ and $\frac{2}{5}$ is</p> <p>(a) $\frac{1}{5}$ (b) $\frac{7}{15}$ (c) $\frac{2}{15}$ (d) $\frac{11}{15}$</p> <p>10. Find x such that $\frac{1}{3} = \frac{x}{-25}$</p> <p>(a) -5 (b) -15 (c) -15 (d) none of these</p> <p>11. Find x such that $\frac{-15}{x} = 2$</p> <p>(a) 24 (b) -12</p>	<p>(c) -24 (d) none of these</p> <p>12. Find x such that $\frac{-3}{x}$ and $-\frac{2}{11}$ are equivalent rational numbers.</p> <p>(a) 3 (b) 9 (c) 8 (d) none of these</p> <p>13. Find the value of $\frac{2}{3} \times \frac{3}{5}$</p> <p>(a) -1 (b) 0 (c) 1 (d) none of these</p> <p>14. The equivalent rational number of $\frac{2}{5}$ is</p> <p>(a) $\frac{2}{15}$ (b) $\frac{14}{15}$ (c) $\frac{12}{15}$ (d) none of these</p> <p>15. Fill in the boxes with the correct symbol:</p> <p>$\frac{3}{11} \square \frac{2}{11}$</p> <p>(a) > (b) < (c) = (d) none of these</p> <p>16. Fill in the boxes with the correct symbol:</p> <p>$\frac{1}{2} \square \frac{1}{4}$</p> <p>(a) > (b) < (c) = (d) none of these</p> <p>17. Rewrite the rational number $-\frac{15}{18}$ in the simplest form.</p>
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(a) $-\frac{9}{24}$

(b) $-\frac{3}{8}$

(c) $\frac{3}{8}$

(d) none of these

18. Rewrite the rational number $-\frac{44}{72}$ in the simplest form

(a) $\frac{22}{36}$

(b) $\frac{11}{-18}$

(c) $\frac{11}{18}$

(d) none of these

19. Write the next rational number in the

pattern: $\frac{-3}{5}, \frac{-6}{10}, \frac{-9}{15}, \frac{-12}{20}, \dots$

(a) $\frac{12}{25}$

(b) $\frac{15}{25}$

(c) $-\frac{15}{25}$

(d) none of these

20. Write the next rational number in the pattern:

$\frac{-1}{6}, \frac{2}{-12}, \frac{3}{-18}, \frac{4}{-24}, \dots$

(a) $-\frac{5}{30}$

(b) $\frac{5}{-30}$

(c) $\frac{4}{-30}$

(d) none of these

Fill In The Blanks

- Zero has reciprocal.
- The numbers and are their own reciprocals.
- The reciprocal of -5 is
- Reciprocal of $\frac{1}{x}$, where $x \neq 0$ is
- The product of two rational number is always a
- The reciprocal of a positive rational number is
- The additive inverse of $\frac{a}{b}$ is
- Reciprocal of $-\frac{3}{4}$ is
- The reciprocal of a negative rational number is rational number.
- The rational number is equal to its negative.

Class 8 Maths Rational Number Very Short Answer Type Questions

- What is the additive inverse of $-\frac{7}{11}$?
- What is the multiplicative inverse of $2\frac{3}{11} \times \frac{1}{3}$?
- Which number lies between $\frac{1}{5}$ and $\frac{1}{4}$?
- Find the product of $\frac{3}{8}$ and the reciprocal of $\frac{5}{17}$.
- A tailor needs $(\frac{9}{10})^{th}$ of a metre of cloth to stitch a blouse. If he wants to stitch 100 blouses how much cloth will be needed?
- The sum of the additive inverse and multiplicative inverse of 3 is

Class 8 Maths Rational Number Short Answer Type Questions

- The number which is subtracted from $\frac{20}{13}$ to get $\frac{5}{7}$ is
- The value of x for which the two rational numbers $\frac{4}{9p}$ and $\frac{x}{54}$ are equivalent.
- $\frac{5}{8}$ of all the money in Salma's bank account is , 55,000. How much money does Salma have in her bank account?
- Arrange the number $\frac{1}{4}$, $\frac{13}{10}$ and $\frac{5}{8}$ in the ascending order.

Class 8 Maths Rational Number Long Answer Type Questions

1. Simplify:

$$\frac{5}{8} + \frac{9}{2} + \left(\frac{-4}{5}\right) + \frac{7}{8} + \left(\frac{-5}{2}\right) + \frac{7}{5}$$

- The cost of $3\frac{1}{2}$ kg of wheat is , 63. How much will $1\frac{1}{2}$ kg of wheat cost?
- Season tickets usually cost , 120 $\frac{4}{5}$ per person. For students, they are priced at $\frac{1}{4}$ of the normal cost. How much will 6 tickets will cost for students?

VIII, MATHS,

Worksheet no-2

Ch -2, Exponents and powers

1.) State true or false :-

(a) Standard form of 0.00000308 is 3.08×10^6 . _____

(b) Reciprocal of $3^2 + 4^2$ is $\frac{1}{2}$. _____

(c) $(-4)^{-4} \times (-4)^6 = (-4)^2$ _____

(d) $(-1)^n = -1$ for all n. _____

(e) $1.0457 \times 10^2 = 104.57$ _____

(f) $3 \times 10^2 + 4 \times 10^1 + 5 \times 10^0 = 30.45$ _____

2.) By what number should 6^5 should be multiplied to get $(\frac{5}{3})^2$ _____

3.) In a stack there are 15 books each of thickness 12 mm and 50 paper sheet each of thickness 0.024 mm . What is the total thickness of the stack ?

4.) Simplify:

(a) $[(\frac{3}{2})^2]^3$ (b) $\frac{16 \times 64 \times 10^2}{2^7 \times 8^3}$

5.) If $\frac{5^m \times 5^n \times 5^p}{5^q} = 5^2$, then find m .

6.) An electron's mass is approximately $9.1093826 \times 10^{-31}$ kg . Find the mass in grams .

7.) Express 0.00000000040560 in standard form .

8.) Express 2.345678×10^5 in usual form .

9.) If $(\frac{2}{3})^x \times (\frac{14}{9})^y = [(\frac{2}{3})^2]^z$, then find the value of $\frac{x}{y}$.

10.) Simplify using the laws of exponents and write the answers in exponential form.

(a) $3^3 \times 3^3$ (b) $5^2 \times 3^3$

11.) Find the reciprocal of the following.

(a) $(\frac{2}{3})^2$ (b) $[\frac{2}{3}]^2 + [\frac{5}{2}]^4$

12.) Find x if:

(a) $[\frac{2}{3}]^x \times [\frac{2}{3}]^4 = [\frac{2}{3}]^{14}$ (b) $(\frac{3}{2})^{10} = (\frac{3}{2})^x = (\frac{3}{2})^{2x+1}$

SCIENCE

1) Make a model on any one of the following:

- a) Manometer (Pressure Gauge)
- b) Hydraulic Lift (Pascal's Law)
- c) Vacuum Cleaner
- d) Hovercraft
- e) A box guitar or any innovative model of your choice
- f) Microorganisms
- g) Endocrine glands
- h) A neuron
- i) Fractional distillation of petroleum
- j) Soda Acid Fire Extinguisher
- k) Carbon Dioxide Extinguisher

2) Do the worksheets of the chapters already done in the class in the book itself

3) Make a PowerPoint presentation on Our Solar System

4) Revise the questions of the chapters already completed in the class.

5) Make a project on the disease Diabetes in a file of at least 5 pages.

Social Science

1. India is a home to many tribal communities. Choose any two tribal communities and make a REPORT in your project file. You can include following points:

- A map of their region
- Their main festivals
- Their language
- Their current population
- Food habits

2. Find out the information and interesting facts about the following animals and paste pictures related to them in your project file.
 - a) Kookabura
 - b) American Bison
 - c) Condor
3. Visit a health care centre near your home, conduct a survey regarding the health care measures adopted by health centre. After that write a case study on ' Health Centre of my Locality'
4. Make model of the judiciary of India.
5. Prepare a working model of Wind Mill/ Solar Cooker
6. Revise History: Ch.1, Civics: Ch.1, Geography : Ch1

SANSKRIT

1. कक्षा में पढ़ाए गए सभी पाठों का हिंदी अनुवाद व अभ्यास कार्य दोहराएँ।
2. 1 से 30 तक संख्यावाची शब्द लिखकर याद करें।
3. धातु - रूप - गम्, क्रीड् (लट्, लृट्, लङ्, विधिलिङ्ग, लोट् लकार) में लिखकर याद करें।
4. शब्द - रूप :- राम, गुरु लिखकर याद करें।
5. संस्कृत में कोई भी 3 श्लोक अर्थ सहित लिखकर याद करें।

COMPUTER SCIENCE

- Prepare a model on Networking (select any topic from book or search from internet).
- Prepare the Chart of "Computer Network " on an A3 sheet.
- Model and A3 size chart should be neat & clean and beautifully designed.
- Prepare presentation to represent your model.
- **Do revise your chapter-1 Networking concepts**

ART AND CRAFT

CREATING COMES FROM TRUST, TRUST YOUR INSTINCT.

Lets have fun with doing art and craft. It's high time to show your creativity and make your time useful.

Craft work

Topic - Folk Art Mask, or Tribal Mask or African Mask



Make anyone from this

Material to be used - A4 size Colour Pastel Sheet, Fevicol and Scissor

