


DAV PUBLIC SCHOOL, BARIATU
HOLIDAY H.W / ASSIGNMENT
Std-VII

Sub: MATHS

Summer Holiday
Home work
Sub- Mathematics
Std-7th



Activity -1

Operation with Rational Numbers

Crossword Puzzle

P L G A R C Q E S I U R S M H X R R K F O R B H
O G J J C T S M D V B L Y W J F A H S I E E F N
S Q J A U C R J P X T V I Y S Q T X N V S S R K
I M Z B J H E M T S I W E G W C I F K T U R R B
T T S S V E B V I U N B I U S J O A K K P E O O
I E E O E L M L Y K T L K A R F N J N P B V K K
V H A L W S U P W L E Q N K E Q A S W H C N H Z
E V D U W D N X N M G E K N B J L H Y L G I D L
N T D T D X E E I X E P E E M Q N R N U O E K G
U W I E J J T A X T R O D G U C U F N Y U V X B
M O T V O E I U B F S N I A N Z M O Q B O I L T
B O I A B G S V L S L Y C T L O B T S P J T D L
E W V L X N O X H N C A U I A B E D S K B A F C
R A E U R B P B L U B K P V R D R T B K D C H U
S E I E C T P P U B O Y G E U M S S V Q C I K E
M P N A C K O A K A X M I N T F A E P M Z L Q Y
G I V D J T Y V A X T R Y U A Q Q K D F E P W H
V J E K M S A L X L S H S M N G X P K L R I Q M
J S R X L Y V L C F F W F B Q D Q E W L O T C S
Q K S R E P E A T I N G D E C I M A L Y P L J Y
M G E V Y S V V Q Z O T B R K Y O Y I Z A U W T
R F P K J R T V A X K H W S Z Z O X V U I M Y W
L L O N G D I V I S I O N N Z D T S N C R E I F
V K B U T E R M I N A T I N G D E C I M A L S X

Description

zero pair

terminating decimal

repeating decimal

rational numbers

positive numbers

opposite numbers

negative numbers

natural numbers

long division

integers

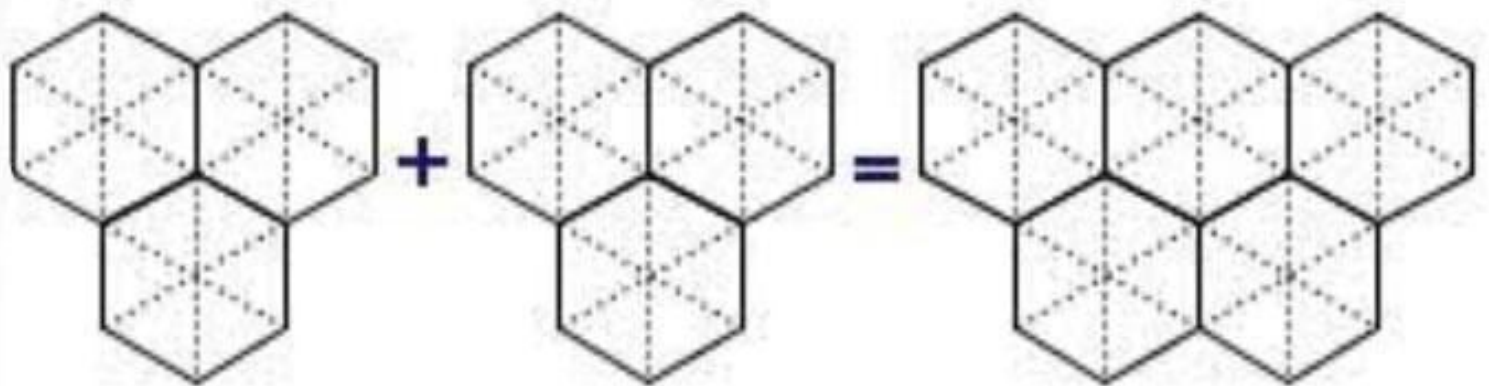
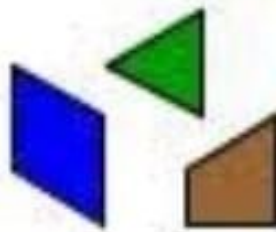
absolute value

multiplicative inverse

additive inverse

Find the sum:-

$$2\frac{1}{6} + 1\frac{2}{3}$$



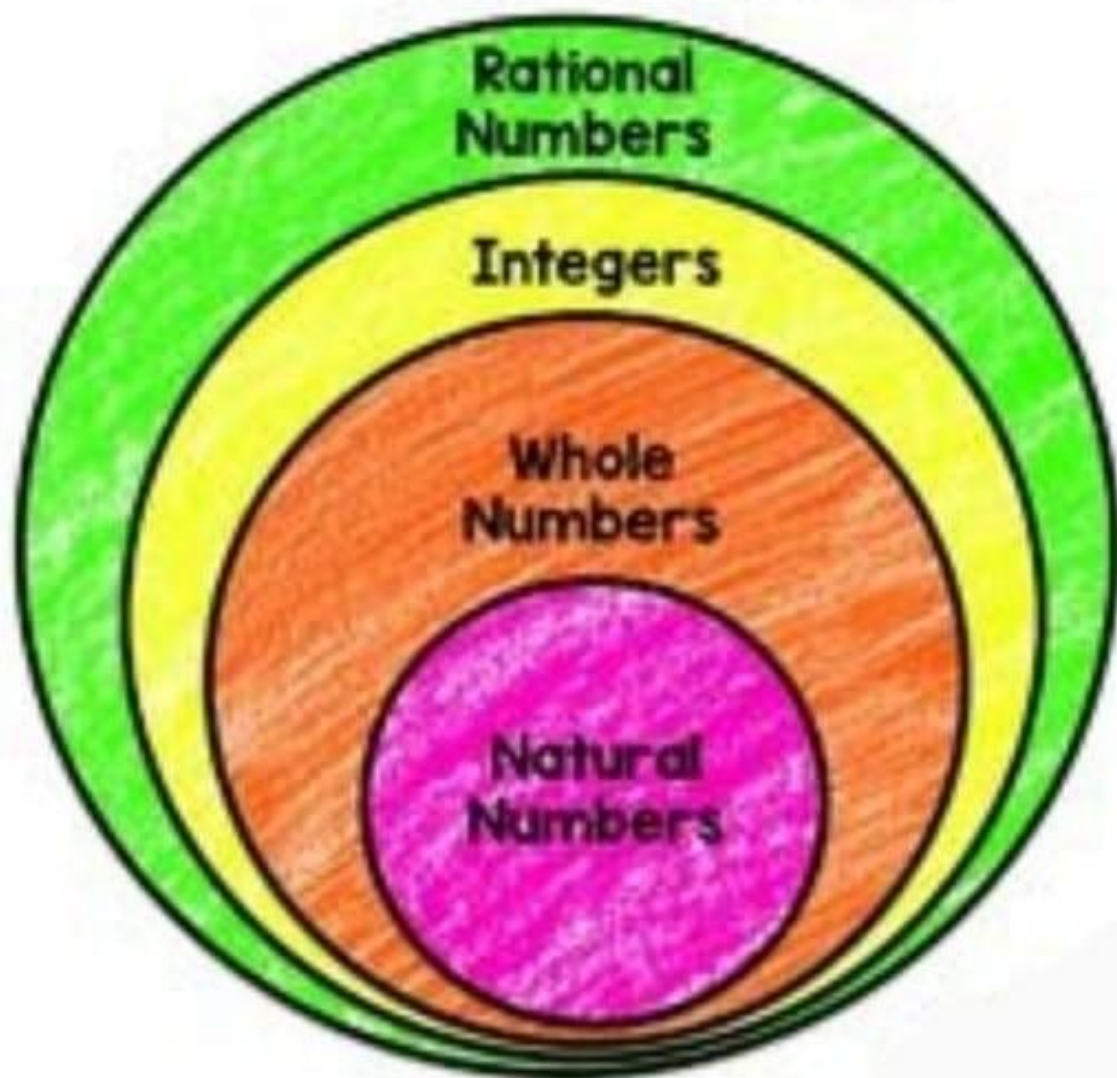
Activity-2

First, model each mixed number.

GRAPHIC ORGANIZER

Add your own textboxes to give at least 3 examples of each type of number.

Real Numbers



Activity-3

Rational Numbers

1. Fill in the boxes.

$$\frac{6}{8} = \frac{-18}{\square} = \frac{30}{\square}$$

2. Locate the points on a number line.

$$\frac{3}{6}, \frac{-1}{6}, 1, \frac{-5}{6}, 0$$

3. Determine which of the two rational numbers is greater in each case.

$$\frac{-7}{12}, \frac{-8}{23}$$

4. Arrange the following in descending order.

$$\frac{-5}{4}, \frac{2}{3}, \frac{-7}{10}, \frac{4}{5}$$

5. Verify that $a + (b + c) = (a + b) + c$ by taking $a = \frac{1}{2}$, $b = \frac{3}{4}$, and $c = \frac{-2}{3}$

6. Simplify

$$\frac{-4}{11} + \frac{-2}{3} - \left(\frac{-5}{9}\right)$$

HOL

Sub: ENGLISH



HOLIDAY HOMEWORK
ENGLISH-CLASS VII

“Enjoy your holidays, while you learn”

Stay safe, Stay at Home: Take Care Students....

HOLIDAY HOMEWORK-SUMMER VACATION

Class VII- English

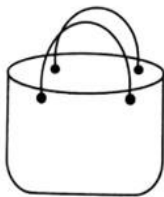
1. Given below are two paragraphs. Choose the nouns and put them into the bags, according to their kind

1. In 1943, during World War II, a British merchant's ship was hit by Germans. A steward on the ship, Poon Lim, survived the attack and managed to get hold of a life-raft. But he had no oars or sails or food and water and clothing. He remained afloat and drifted at the mercy of Atlantic Ocean.

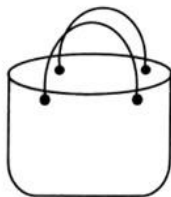
It was after 133 days of the ship-wreck that Poon Lim was spotted by some Brazilian fishermen. It was the longest period that any man had ever survived in such trying conditions. Poon Lim was awarded the British Empire Medal in recognition of his courage.

2. In 1995, Canada issued four stamps commemorating the World Road Congress being held in the same year in Montreal, Canada. The stamps depict bridges in a variety of designs, built in various parts of Canada during different period. Photography and computer illustration were used to design the four stamps. The background shows a scenic view of the bridge as it merges into more technical drawings in the foreground.

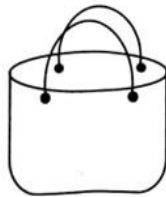
The first stamp features Heartland Bridge of New Brunswick situated across the St. John River. It was built in 1901 using wood rather than steel on the uncovered bridge for keeping the costs down.



Proper Noun



Common Noun



Collective Noun

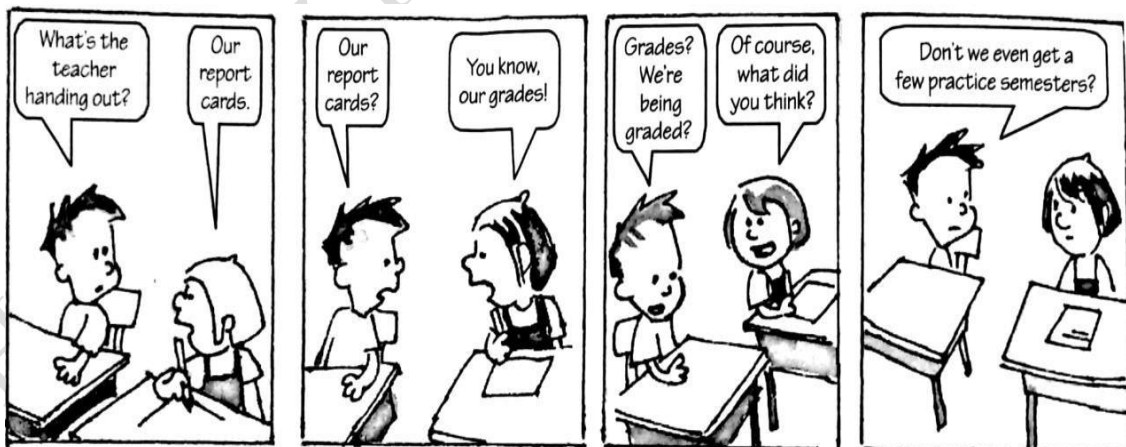


Material Noun



Abstract Noun

2. Look at the sample **CARTOON** given below and now prepare a **COMIC STRIP** based on the chapter- **A HERO**













3. **Main Course Book** - Unit 1 (People at work) Enjoy the stories and complete the exercises.

Synonyms and Antonyms 7

Name: _____ Class: _____ Date: _____











Select a synonym for the underlined word in the sentences from the Word Bank. Write the synonym on the line.

vary - rowdy - ring - do - desire
verbally - a fortnight - tease - scrummy - courteous

- We are going on holiday to Paris in two weeks. _____ 
- That chocolate cake looks so tasty. _____ 
- Tell Ali to phone me when he gets home. _____ 
- Amy is having a party for her sixtieth birthday. _____ 
- The family next door are very noisy. _____ 
- I will give her the message orally. _____ 
- Jason turned out to be a polite person. _____ 
- My brother loves to joke with me. _____ 
- Why don't you change your cooking style? _____ 
- I want some peace and quiet to take a nap. _____ 

Select an antonym for the underlined word in the sentences from the Word Bank. Write the Antonym on the line.

host - landing - amusing - blunt - calm
dusk - artificial - ghastly - admitted - a coward

- Alice always has a boring story to tell. _____ 
- He denied breaking the expensive vase. _____ 
- All the food colorings in these sweets are natural. _____ 
- These scissors are sharp. _____ 
- In my opinion, I think he was brave. _____ 
- The view is breath taking at dawn. _____ 
- Our children were very excited about the new kitten. _____ 
- I can't believe we are having such excellent weather. _____ 
- The Brown family were smashing guests. _____ 
- The plane will be taking off in two hours. _____ 



Sub: HINDI

डीएवी पब्लिक स्कूल बरियातू (रांची)

ग्रीष्मकालीन गृह कार्य

कक्षा : सातवीं

विषय : हिंदी

1. हिंदी महीनों के नाम लिखकर उसके गतिविधियों पर प्रकाश डालें।
2. भारत के किसी एक ऋतु को ध्यान में रखकर (स्वरचित) कविता लिखें।
3. प्रेमचंद की सर्वश्रेष्ठ कहानियों में से किसी दो कहानी का अध्ययन अपेक्षित है, जिसमें समाज की समस्याओं को दर्शाया गया है।
4. नीचे दिए गए शब्दों को शब्दकोश के क्रमानुसार लिखिए : मंच, सार्वजनिक, सप्ताह, पर्दा, स्वयं, संवाद, त्रुटि।
5. आप अपने विद्यालय की सुंदरता और स्वच्छता पर अपना विचार प्रस्तुत करें।
6. अभिनय द्वारा अपने चेहरे से दिए गए भावों को प्रभावशाली तरीके से अभिव्यक्त करें: गुस्से से छटपटाना, टकटकी लगा कर देखना, भयभीत होना, कुढ़ना, खुश होना।

HOLIDAY H.W / ASSIGNMENT

Sub: SCIENCE

DAV PUBLIC SCHOOL, BARIATU
SCIENCE HOLIDAY HOMEWORK

CLASS-7

Q1) perform the following activities:-

ACTIVITY 1

Take two spoons, one made of steel and the other made of plastic. Place both the spoons in a beaker containing hot water, after two minutes touch the end of both the spoons one by one. Write observation and conclusion.

ACTIVITY 2

Take two identical cans with lid. Wrap one with black paper and other with white paper. Fill same quantity of water in both cans. Leave the cans in sun for two to three hours. Touch the water and feel the temperature of water. In which can the temperature of water is the high. Write observation and conclusion.

ACTIVITY 3

Take some ice in a beaker and keep it aside for some time. On the basis of your observation write whether it is a physical or a chemical change. Now, take few iron nails and put them in a bowl containing water for three to four days (add a pinch of salt in the water). What change do you find in the iron nails, classify it as physical or chemical change? Write observation and conclusion.

ACTIVITY 4

Take a slice of bread. Sprinkle water on it. Keep it in a moist and warm place for two to three days. Observe the bread. Name the fungus which grows on the bread. Write the mode of nutrition it shows.

(NOTE- Take picture of any two activities that you have done and attach it with the pdf)

Q2) Draw labelled diagram of the following:-

- (i) Human Digestive System
- (ii) Tongue showing taste buds
- (iii) Digestive System of Cow

- (iv) Nutrition in Amoeba
- (v) Land Breeze and Sea Breeze

Q3) Balance the following chemical equations:-

- (i) $\text{H}_2 + \text{Br}_2 \longrightarrow \text{HBr}$
 - (ii) $\text{Ca} + \text{O}_2 \longrightarrow \text{CaO}$
 - (iii) $\text{Na} + \text{O}_2 \longrightarrow \text{Na}_2\text{O}$
 - (iv) $\text{H}_2 + \text{Cl}_2 \longrightarrow \text{HCl}$
 - (v) $\text{Ca}(\text{OH})_2 + \text{HCl} \longrightarrow \text{CaCl}_2 + \text{H}_2\text{O}$
-

HOLIDAY H.W / ASSIGNMENT

1. Locate two states of each where these major soil types found.(Political Map of India)
 - a. Red soil
 - b. Alluvial soil
 - C. Black soil

2. On an outline map of the world, show the given national parks:-
 - a.Jim Corbett National Park
 - b. Yellowstone National Park
 - C. Serengeti National Park
3. Prepare a coloured diagram showing different spheres of the environment.
4. Write the name of authors of these books
 - a. Tahkik - i- Hind
 - b. Ain-i-Akabari
 - C. Prithviraj Raso
 - d. Kaviragamarga
 - e.The Rihla

- 5.The government has launched a number of honesty alleviation programmes and income generating programmes.
But poverty continues.Give reasons -
 - a.Inadequacy of the schemes
 - b. Poor implementation of-

7. Prepare a list of number of members in legislative assembly and legislative council in bicameral states.

or

Draw a cartoon showing the power of voters

C.

6. Prepare the list of governors and chief Ministers of neighbouring states of Jharkhand.

HOLIDAY H.W / ASSIGNMENT

Sub: SANSKRIT

ग्रीष्मावकाश गृहकार्य

संस्कृत

वर्ग:- सप्तम्

1. स्व गृहे एकस्य पादपस्य आरोपणं कुर्वन्तु।
2. वृक्षाः अस्मभ्यम् यान् पदार्थान् यच्छन्ति तेषाम् नामानि लिखन्तु
3. पौष्टिक-भोजनस्य तालिकायाः निर्माणं कृत्वा लिखन्तु यत् अस्मिन् भोज्यपदार्थे कानि भवन्ति।
4. निम्नशब्द रूपानि लिखन्तु स्मरन्तु च।
साधु, अस्मद्, युष्मद्, लता
5. धातुरूपानि लिखन्तु स्मरन्तु च
पठ्, भू, दृश् (पंचलकारेषु)

HOLIDAY H.W / ASSIGNMENT

Sub: COMPUTER

A. Complete the following chart of Generations of Computer by filling the blanks:

<u>Generation</u>	<u>Hardware (Characteristics)</u>	<u>Software (Characteristics)</u>	<u>Other features</u>
_____	1. _____ 2. _____ _____	1. Batch Processing System. 2. _____ _____	1. _____ 2. _____ _____
_____	1. _____ 2. _____ _____	1. _____ 2. Multiprocessing OS	1. _____ 2. _____ _____
_____	1. Magnetic Drums for Memory. 2. _____ _____	1. _____ 2. _____ _____	1. Bulky in size. 2. _____ _____
Fifth	1. _____ 2. _____ _____	1. _____ 2. _____ _____	1. _____ 2. Capable of learning.
_____	1. _____ 2. _____ _____	1. _____ 2. Standardization of High level Programming languages.	1. _____ 2. _____ _____

B. Answer the following questions:

1. Which generation Computer used vacuum Tubes?
2. Which generation Computer used Transistors?
3. In which generation High Level languages were developed?
4. Which generation of Computer user Integrated Circuits?
5. Which generation of Computer user Microprocessors?

Sub: D.S.

ग्रीष्मावकाश गृहकार्य

2021-22

कक्षा:सातवीं

विषय:धर्मशिक्षा

1) पंक्ति पूरा करें:
देवी..... शरण है,
तुझसे यही..... है।
हो दूर वह.....,
हमको..... रही है।

2) ऋषियों के द्वारा दी गई धर्म की परिभाषा लिखिए।

3) आर्य समाज का चौथा और पाँचवाँ नियम सुंदर और सही से लिखिए।

4) "अभियान गीत" में किसकी बाँसुरी बजाने तथा किसकी जय मनाने की बात कही गई है?

HOLIDAY H.W. ASSIGNMENT

Sub: G.K.

1. Make a chart showing the achievement of sportsperson who have physical disabilities.
2. Make a chart on the women scientists who have contributed in Mangalyaan mission by ISRO.
3. Make a chart on Olympic Medallists of India (any six)
4. Make a chart showing five famous Indian authors (English) and the books written by them. Also paste their pictures.
5. Write a short note about "COVID-19".
6. Answer the following questions:-
 - a) Which African country is very famous for chocolate?
 - b) What are the products of anaerobic respiration in yeast?
 - c) One-third of the sum of two angles is 60° and one-fourth of their difference is 28° . Find the angles.
 - d) Which District of India is having the maximum area and is in which state?
 - e) Who was Jharkhand's first governor?
 - f) Who is the current Governor of Jharkhand?
 - g) How many Districts in Jharkhand?
 - h) Who has given what names to the COVID-19 variants first found in India?
 - i) Who is the mother of Mahatma Gandhi?
 - j) What is called study of liver?

HOLIDAY H.W / ASSIGNMENT