

KV NHPC GERUKAMUKH
CLASS-VII
SUMMER VACATION HOMEWORK
FROM 09/05/2022 TO 17/06/2022

Activity :-

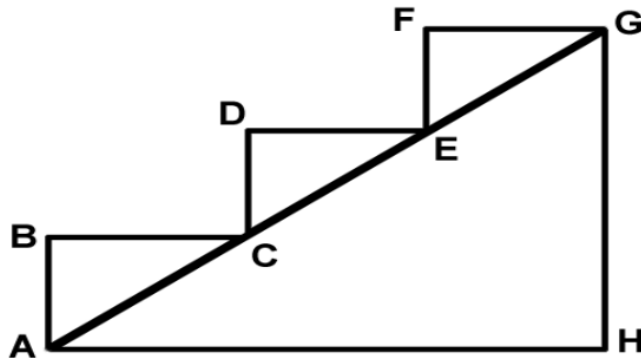
To represent sum of two fractions by paper cutting and pasting activity.

Homework from Book :-

Complete the Chapter 2 in homework copy.

Creative and critical thinking based questions :-

Q.1. The construction of the staircase involves knowledge about right angles. The staircase is built on triangular base, mostly at right angled triangle and all the steps are at equal distances and are of equal heights. Moreover, both the ends of each step are right triangles as shown in the figure.



From the above figures give the following answers:

1. Are all the triangles (other than triangle AGH) congruent to each other? If yes write the congruency condition.
2. Write the relationship between smaller triangles and the largest triangle.
3. Why the congruence of triangles concept is used to build the staircases?
4. Write all possible equal pairs of corresponding parts of the congruent triangles.

Q.2. Traffic signs form the most commonly found examples of the triangle in our everyday life. Some of the traffic signs are given in the following figures.



(1) GIVE WAY



(2) YIELD



(3) WARNING SIGN



(4) SCHOOL AHEAD

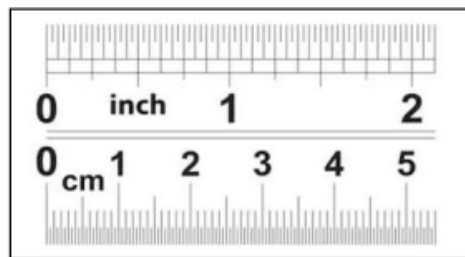
See the outlines of the above figures and give the following answers:

1. What types of inner triangles are there in fig (1) and (4)?
2. What can you say about the shape and sizes of the triangles in fig (1) and (4)?
3. Are these triangles congruent to each other? Give reason to support your answer.
4. Which Mathematical term can be used to relate warning sign triangle to other triangles?

Q.3. Students observe a cricket match. On the behalf of the match answer the given question.

1. Which player has the highest batting average?
2. Which player has the lowest batting average?
3. Difference between highest and lowest runs scored by players ?
4. Find the difference between highest wickets and lowest wickets taken by bowler.

Q.4. The inch (abbreviation: in or ") is a unit of length in the (British) Imperial and United State customary system of measurements. It is equal to $\frac{1}{12}$ of a foot.



- 1: How many foot equals one centimeter?
- 2: How many centimeters equals 6 foot?
- 3: Which is greater 15 inches or 35 cm? Show your calculation.

Q.5. We get 8 pieces of oranges after an orange is peeled off and each piece represents the rational number $\frac{1}{8}$.



- 1: If 12 oranges are distributed among 16 girls equally, then how many parts of the orange received by each girl?
(a) 3 parts (b) 6 parts (c) 9 parts (d) 12 parts
- 2: How many oranges are required to serve 8 part of the orange each to 64 patients? Show your work ?
- 3: Three oranges will be needed to serve 8 part of the orange each to 48 volunteers? Justify ?

Q.6. Students your class will go for a picnic, The picnic site is 60 km from the school and the transporting company is charging at the rate of ₹12 per km, The total cost of refreshment is ₹1520. observe your class and find the answers of the given questions ?

1. How many students went to picnic?
2. What is the cost of refreshment per head for picnic?
3. How much amount is spent as transporting charges for picnic?



KENDRIYA VIDYALAYA NHPG GERUKAMUKH



Summer Vacation Homework

(Date – 09/05/2022 to 17/06/2022)

CLASS – VII

SOCIAL STUDIES

1. *Imagine an ideal environment where you would love to live. Draw the picture of your ideal environment.*
2. *Suggest any five points for save environment.*
3. *Give reasons.*
 - (i) *Man modifies his environment*
 - (ii) *Plants and animals depend on each other*
4. *In a democracy why is universal adult franchise and equality important?*
5. *Compare the temple shown in chapter new kings and kingdoms with any present-day temple in your neighbourhood, highlighting any similarities and differences that you notice.*
6. *Make a picture on any Rajasthani topic on chart paper.*

You can choose from these. (Like any Rajasthani animal, any fort, any dress, any culturally images etc.)

ENJOY YOUR HOLIDAYS



ग्रीष्मकालीन अवकाश गृहकार्य

कक्षा:- सातवीं विषय:- संस्कृतम्

- (1) कक्षा - कार्य पूरा करें।
- (2) तत्, मति, पितृ, मधु, नदी, किम्, और एतत् के शब्द रूप लिखना व याद करना है।
- (3) कृ, दृश्, पठ, चर, पच् धातु रूप (पाँचो लकारो में लिखना और याद करना है।
- (4) सङ्ख्यायावाची शब्दः एकः तःशतम् पर्यन्तम्।
(परिशिष्टम् की सहायता से लिखना है।)
- (5) प्रथमपाठस्य श्लोकान् स्मृत्वा लिखत। (प्रथम पाठ के श्लोकों को याद करके लिखिए)
- (6) 'सुभाषितानि' और 'दुर्बुद्धिः विनश्यति' के 'अभ्यासः' प्रश्नों के उत्तर लिखना है।

विषय - हिंदी

- (1) कक्षा कार्य पूरा करें।
- (2) शुल्क(फीस) माफ़ करने हेतु प्राचार्य को एक पत्र लिखिए।
- (3) निम्नलिखित विषयों पर निबन्ध लिखिए – (अधिकतम 200 शब्दों में)
 - (i) कोरोना (कोविड 19) महामारी क्या है कैसे बचाव करें।
 - (ii) ऑनलाइन शिक्षा - फायदे और नुकसान
- (4) संज्ञा, सर्वनाम, और विशेषण किसे कहते हैं। उदाहरण सहित लिखिए
- (5) अपने बचपन की कोई मनमोहक घटना को विस्तार से लिखिए।
- (6) पाठ्यपुस्तक से द्वंद्व समास के 10 उदाहरण खोजकर लिखिए।
- (7) "मेरी प्यारी मां" विषय पर एक अनुच्छेद लिखिए।
- (8) ' हम पंछी उन्मुक्त गगन के' और 'दादी माँ' पाठ के 'प्रश्न-अभ्यास' लिखना है।

Summer Holidays Homework class VII Science

Q.1 Saprotrophs : Activity 1 A : Take 2 slices of bread in your home. Keep one slice of bread in refrigerator and other outside at room temperature with water sprinkled on it. observe the two slices after 3-4 days. note the observations in your notebook.

Activity 1 B : Find out the food items in your home that show similar growth as was found on the moist bread when kept under similar condition for some days. Identify one common factor in each of them that favours that growth.

Click the photographs while performing activity & paste in notebook

Q.2 Healthy Life Style : Discuss with your elders, the way to lead a healthy life. Based on the same design a leaflet for the people of your age with hints and tips to lead a healthy life.

Q.3 Human Digestive System : Take different coloured papers. Cut them into various shapes resembling with that of the human digestive organs such that one colour represents one organ. Paste them into your copy making the complete human digestive system. Label various organs.

KENDRIYA VIDYALAYA NHPC GERUKAMUKH
SUMMER HOLIDAY HOMEWORK
SUBJECT: COMPUTER

CLASS VII

1. Collect the names of different (latest) viruses and write about how they attack the victim.
2. Write about any latest technologies used in firewall or about different versions of firewall.

Art education home work

1 Scenery 2 (a3 size)

2 Craft work 1

3 Painting/Collage 1

सभी विद्यार्थियों को 23 जून 2022 को जमा करना अनिवार्य है