

KV NHPC GERUKAMUKH
HOLIDAY HOMEWORK FOR SUMMER VACATION
CLASS-6

PART-1

1. Fill in the blanks:-

- i. Expanded form of 7649743 is _____.
- ii. Number name of 8976533 in Indian system of numeration is _____.
- iii. Every natural number except _____ has a predecessor.
- iv. _____ is the smallest whole number.
- v. The HCF of two co- prime numbers is.....
- vi. The LCM of two co-prime numbers is.....

2. Insert commas suitably and write the names according to Indian and International system.

- a) 4589143 b) 86425421 c) 78984738

3. Write the following numbers in figures:

- 1) Eight million seventy eight thousand nine hundred five.
- 2) Thirty four crore fifty one lakh eighteen thousand nine hundred.
- 3) Eighty three lakh five hundred one.
- 4) Hundred twenty million two hundred and five thousand.
- 5) Three crore six lakh eighty four thousand fifteen.

4. Form the greatest and the smallest four digit number using the digits

- (a) 9, 0, 5, 2 (b) 7,0,0,2 (c) 0,0,1,2

5. Write down the smallest natural number.

6. Write down the smallest whole number.

7. The smallest 6-digit number that can be formed by the digits 7, 6, 0, 5, 8, 0 is.

8. State True or False.

- a. Every whole no. has its successor.
- b. 0 is the smallest natural number.
- c. Between any two whole numbers, there is a whole number
- d. The sum of whole numbers is always a whole number.
- e. The difference of two whole numbers is always a whole number
- f. The predecessor of a two-digit number is always a two-digit number.
- g. Sum of two odd numbers is always odd.

9. Write Roman Numerals for (a) 49 (b) 78

10. How many lakhs make a crore?

PART-2

11. Sort out even and odd numbers: 13, 28, 41, 99, 50, 255, 132, 664, 59, 29, 71, 165, 14 .

12. Find the HCF of 70, 105, 175.

13. A number is divisible by 12. By what other numbers will that number be divisible?

14. Insert commas suitably and write the names according to International System of Numeration :

(a) 78921092 (b) 7452283

15. Estimate the following products using general rule:

(a) 578×161 (b) 5281×3491

16. Find the product by suitable rearrangement:

$2 \times 1768 \times 50$ (b) $4 \times 166 \times 25$ (c) $8 \times 291 \times 125$

17. Estimate each of the following using general rule:

(a) $730 + 998$ (b) $796 - 314$

18. Find the prime factorization of 5428.

19. Determine the smallest three-digit number which is exactly divisible by 6, 8 and 12.

20. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.

21. A taxidriver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs 44 per litre, how much did he spend in all on petrol?
22. The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 7 a.m., at what time will they change simultaneously again?
23. Write seven consecutive composite numbers less than 100 so that there is no prime number between them.

PART-3

INDIVIDUAL ACTIVITY

Subject	MATHEMATICS
Class	VI
Chapter/Unit	Playing With Numbers
Topic	Factors

What will I learn (Learning outcome)?

To find the factors of a given number.

Skills:- Creating , Visualizing, Assimilating, Identifying

What I have to do?

To find the factors of a given number by activity method.

What do I require?

Buttons, paper and pencil/pen.

What do I need to know?

Multiplication facts

How will I proceed?

➤ **Student's Activity**

- Take a sufficient number of buttons (say 15) and try to arrange them in rows in such a way that each row has the same number of buttons.
- Arrange the buttons in one row as shown in Fig.1.



Fig.1

- Since, no such arrangement would be possible to place same number of buttons in two rows, so, arrange the buttons in three rows as shown in Fig.2.



Fig.2

- Similarly, no such arrangement would be possible to place same number of buttons in four rows, so, arrange the buttons in five rows as shown in Fig.3.

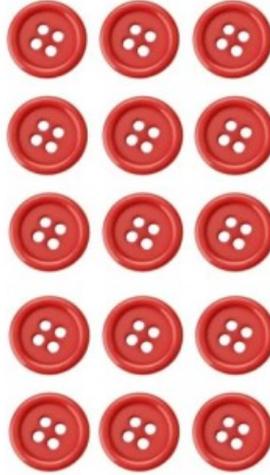


Fig.3

Continue the process and the only possible arrangement left was to place the buttons in fifteen rows as shown in Fig.4.



What have I observed?

Complete the following table:

Number	Rows (R)	Columns (C)	(R X C)	Factors

What have I learnt?

To find the _____ of a given number.

What am I curious to know?

Find all the factors of 60 using beads or stones.

Let me evaluate myself

1. Which factor is common to all the numbers?

2. Find each missing factor:

(a) _____ x 8 = 24

(b) 4 x 9 = _____ x 6

(c) 7 x _____ = 8

(d) 3 x 15 = 5 x _____

(e) _____ x 50 = 100

3. Write all the factors of the following numbers:

(a) 18 _____

(b) 35 _____

(c) 42 _____

(d) 75 _____

(e) 100 _____

4. Find the sum of all the factors of 48.

5. Which number has both 6 and 9 as factors?

SUMMER HOLIDAY ASSIGNMENT SCIENCE

- Prepare a list of food items you commonly eat and find out (through tests, books, encyclopaedia or internet resources) major nutrients contained in them and check if you are missing on any essential nutrient.
- FIND OUT and gather information why and when any country facing shortage of food, its causes and effects through newspapers, magazines and internet.
- You are advised to observe the materials that your mother Discard while cleaning rice/wheat by hand-picking. Identify and list out the impurities and try to find out their possible harmful effects if eaten.

Kendriya Vidyalaya NHPC, Gerukamukh
Holiday Homework (Summer Vacation)

Class: VI
Sub- English

Objectives:

- A. enhancing writing and thinking skills among the students
- B. inculcating observing capacity among the students.
- C. sensitizing them towards nature.
- D. developing the feeling of self-awareness.

1. Write notices giving all details in the following cases:
 - A. You lost your purse on the way home
 - B. You found a golden wrist watch on the way to the school.
2. Write a paragraph on one of the followings:
 - A. Life in this unprecedented situation
 - B. A brief note based on the experience of persons who tested positive(covid-19) and now are out of risk and are fully recovered.
3. Write down 50 common English proverbs with their meanings.
4. Describe in an autobiographical way how you how you want to help needy person.

Note:

- A. Answers must be written in the notebook.
- B. No words limit for the answers.
- C. All the questions are compulsory.

CLASS – VI

SOCIAL STUDIES

1. Define the following

- | | |
|----------------------------|--------------------|
| A. Full moon | B. New moon |
| C. celestial bodies | D. planets |
| E. SOLAR SYSTEM | F. Universe |

2. Prepare a model of Globe.

3. Describe at least four ways in which you think the lives of kings would have been different from those of farmers.

4. 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.)

1. विंशतिः (20) पुंलिङ्गशब्दाः लिखत ।
2. विंशतिः (20) स्त्रीलिङ्गशब्दाः लिखत ।
3. वर्णसंयोजनेन पदं लिखत -

- i) ल् + आ + त् + र् + अः = ?
- ii) अ + श् + व् + अः = ?
- iii) श् + इ + क् + ष् + अ + क् + अः = ?
- iv) व् + ऋ + ए + अ + त् = ?
- v) श् + ई + व् + य् + अ + त् + इ = ?
- vi) उ + च् + च् + ऐः = ?
- vii) व् + उ + क् + क् + अ + त् + अः = ?
- viii) व् + ल् + ई + व् + अ + र् + द् + औ = ?
- ix) स् + थ् + आ + ल् + इ + क् + आः = ?
- x) च् + अ + र् + अ + न् + त् + इ = ?
- xi) अ + ग् + न् + इ + प् + ए + ट् + ई + क् + आ = ?
- xii) स् + त् + र् + ई + ल् + इ + ड् + ग् + अः = ?
- xiii) क् + उ + ज् + च् + इ + क् + आ = ?
- xiv) स् + ऊ + च् + इ + क् + आः = ?
- xv) द् + व् + इ + च् + अ + क् + र् + इ + क् + आ = ?

4. पदानां वर्णविच्छेदं कुरुत -

- i) वस्त्रः = ?
- ii) क्षेत्रः = ?
- iii) कृषकः = ?
- iv) हरितवर्णाः = ?
- v) वृद्धाः = ?

- vi) कर्षतः = ?
- vii) स्यूताः = ?
- viii) मण्डूकः = ?
- ix) पर्यङ्कः = ?
- x) विद्वरतः = ?
- xi) गीलाकाराः = ?
- xii) मक्षिकाः = ?
- xiii) उत्पीठिका = ?
- xiv) पिपीलिका = ?
- xv) स्वनाम्नः वर्ण विच्छेदं कुरुत -
(अपना नाम का वर्ण विच्छेद कीजिए)

5. निम्नोक्तानां पदानां द्विवचन रूपाणि बहुवचनरूपाणि च लिखत -

- यथा - चषकः चषकौ चषकाः
- i) शुनकः _____
 - ii) बलीवर्दः _____
 - iii) बालकः _____
 - iv) भल्लुकः _____
 - v) कुक्कुरः _____
 - vi) चन्द्रः _____
 - vii) दूरभाषः _____
 - viii) पेटिका _____
 - ix) मापिका _____
 - x) सूचिका _____

xi) नौका _____

xii) छात्रा _____

xiii) चिकित्सिका _____

xiv) अध्यापिका _____

xv) स्व नाम्नः द्विवचनरूपं बहुवचनरूपं च लिखत
(अपना नाम का द्विवचन और बहुवचन का रूप लिखिए)

6. कः/का किं करोति लिखत —

यथा — मयूरः — नृत्यति

i) सिंहः — ?

ii) अश्वः — ?

iii) सौचिकः — ?

iv) शुनकः — ?

v) कृषकः — ?

vi) गायकः — ?

vii) छात्रः — ?

viii) धटिका — ?

ix) चालिका — ?

x) अजाः — ?

xi) लेखिका — ?

xii) शिक्षिका — ?

7. संस्कृते स्वपरिचयम्

५ नमो नमः, अहम् (स्व नामः) ।

अथवा, मम नाम _____ अस्मि ।

अहम् एकः / (एका छात्रः / छात्रा अस्मि ।

अहं गौरु कामुख के क्षीय विद्यालय पष्ठी-
कक्षायां पठामि ।

मम गृहम् (अपना घर का जगह का नाम) अस्ति

(यथा - डिङ्गुगड़े, विहार, गौगामुखे, कानपुरे)

मम पिता एकः (शिक्षकः / सैनिकः / कृषकः) अस्ति

मम माता (एका) (शिक्षिका / गृहिणी / गायिका) अस्ति ।

* अपना परिचय संस्कृत में कैसे
बोलना है प्रयास करके VIDEO
बनाकर whatsapp पर भेजना है ।

8. 'मङ्गलम्' पद्य को कण्ठस्थ कीजिए ।
और गाकर Audio Recorded करके
भेजना है ।

क) एक वाक्य में उत्तर दीजिए -

1. 'वह चिड़िया जो' कविता का कवि कौन है ?
2. 'वह चिड़िया जो' कविता के अनुसार चिड़िया का पंख कैसा है ?
3. चिड़िया चोंच मारकर क्या खाती है ?
4. वह चिड़िया किसकी खातिर गाना गाती है ?
5. वह चिड़िया कैसे गाना गाती है ?
6. चढ़ी नदी से जल का मोती कौन ले जाती ?

ख) तीन/चार वाक्यों में उत्तर लिखिए -

7. 'वह चिड़िया जो' कविता का चार अलग शीर्षकों का नाम लिखिए।
8. कविता के अनुसार चिड़िया को किन-किन चीजों से धार है ?
9. वह चिड़िया चोंच मारकर क्या क्या काम करती है ?
10. आशय स्पष्ट करो -
 - i) "रस उड़ेलकर गा लेती है।"
 - ii) "चढ़ी नदी का दिल टटोलकर जल का मोती ले जाती है।"
11. बीस चिड़ियाँ का नाम संग्रह कर के लिखिए।

ग) व्याकरण से -

12. विशेष्यपद या संज्ञा पद की परिभाषा लिखिए।
13. विशेषण पद किससे कहते हैं ?

(बचपन पाठ से)

क) एक वाक्य में उत्तर लिखिए -

1. बचपन पाठ का लेखिका कौन है ?
2. लेखिका को परिवार में क्या कहकर पुकारते हैं ?
3. लेखिका को अब कैसा कपड़ा पहनने का मन करता है ?
4. बचपन में लेखिका रविवार को क्या काम करती थी ?
5. बचपन में लेखिका को शनिवार में क्या पीना पड़ता था ?
6. लेखिका ब्राउन ब्रेड कहाँ से लाती थी ?
7. पिछली सदी में तेज रफ्तारवाली गाड़ी कौनसी थी ?
8. लेखिका ने चश्मा क्यों उतर नहीं पाइ
9. लेखिका को किसने छेड़ा था ?
10. लेखिका के सिर पर क्या लगाना पसंद करती थी ?

ख) चार/पाँच वाक्यों में उत्तर लिखिए -

11. पाठ के अनुसार शिमला का वर्णन कीजिए ।
12. "तुम्हें बताऊँगी कि हमारे समय और तुम्हारे समय में कितनी दूरी हो चुकी है ।" इस बात के लिए लेखिका क्या क्या उदाहरण देती है ?
13. बचपन में लेखिका ने पहना हुआ कपड़ा का वर्णन कीजिए ।

ग) कल्पना से -

14. आप किस प्रकार के कपड़े पहनते हैं लिखिए।
15. इस पाठ में बहुत ही अंग्रेजी शब्द हैं, पाठ पढ़ के छाटकर लिखिए ।

* सभी प्रश्नों का उत्तर दस वाक्यों में लिखिए —

1. राजा दशरथ का परिचय लिखिए ।
2. अयोध्या नगर का वर्णन कीजिए ।
3. राम का परिचय लिखिए ।
4. ताड़का राक्षसी के बारे में लिखिए ।
5. राम और सीता का विवाह कैसे सम्पन्न हुआ ?

* पहले पढ़ाए गए सभी प्रश्नों-त्तरों को कण्ठस्थ करना है ।