



**INDIA INTERNATIONAL PUBLIC SCHOOL**

**SESSION-2023-24**



**CLASS-VI**

CLASS:- VI

SUBJECT: ENGLISH

1. *The Time Machine* is a science fiction novel written by H.G. Wells and published in 1895. The book was one of the first science fiction novels ever to be published and is largely credited with popularizing the concept of time travel by usage of a vehicle or a "time machine" (a term coined in the novel and still widely used to this day). *The Time Machine* has been adapted many times since its publishing and is now available worldwide in the form of movies, tv shows and comic books. The novel centers around a man called 'The Narrator' who tells us the story of a man he only refers to as "the time traveler". The time traveler starts out the story by telling a listening group of men that he believes that time exists in the fourth dimension and proves his mastery of it by making a miniature time machine and making it disappear into thin air.

A time machine is a device that permits travel into the past and future.



What would you do if you get a time machine? Would you like to travel to the past or to the future? Why?

**Maintain a Diary for Summer Vacation Camp. (Note – You need to buy a diary and write down your experiences of each day of your vacation)**

2. Interview your grandparents and write the conversation in a dialogue form. Tell them to share their life experience with you.

Which inspirational traits from your grandparents or parents would you like to develop in you and why?



SUBJECT: HINDI

क) "जल ही जीवन है ।" बच्चों जिस प्रकार आप जानते ही हैं कि नदियाँ जल का महत्वपूर्ण स्रोत है । नदियाँ प्रकृति में चार चोंद लगाती हैं आप पर्वत से निकलती हुई नदी का सुंदर चित्र बनाएँ और उस पर आधारित एक स्वरचित कविता लिखें।

ख) प्रस्तुत मानचित्र में दिए गए राज्यों के अनुसार उनकी भाषाओं के नाम लिखिए। (खेल-खेल में भाषा ज्ञान)



## SUBJECT: MATHS

Q1. Collect information on any one of the famous mathematician and make a creative and illustrative project on the life of the mathematician on a scrap book.

a) Aryabhata (b) Bhaskara (c). Shrinivasan Ramanujan



Q2. Concept of Estimation:-

The students will choose any five packed food items, paste their empty packs and complete the following table

Serial number	Names of packed food items	Empty packets	MRP (in rupees)	Estimated value (by nearest to hundred)
1				
2				
3				
4				
5				
Total				

The students will find out the difference between the maximum Retail Price (M.R.P) and the estimated value of each of the food item and will identify the food items for which this difference comes to be maximum and minimum.

Q3. Collect population of any 10 states of India or of 10 large cities or of 10 countries in a table and write them in words according to Indian and International Place Value System both.

Do Q2 & 3 on lined sheets and put them in a file folder.

Revise all the chapters completed so far.

\*

# INDIA INTERNATIONAL PUBLIC SCHOOL

## HOLIDAY HOMEWORK

SUMMER VACATIONS 2023-24

CLASS - 6<sup>th</sup>

Ques 1. Separate the periods of numerals given by commas and write them in words. (As per Indian system)

(i) 935748

(ii) 758107

(iii) 53684

(iv) 49637582

(v) 61805008

Ques 2. Write the following numbers with proper commas, using international system.

(i) 57494

(ii) 1286475

(iii) 90703006

(iv) 8935004

(v) 37502093

Ques 3. Fill in each of the following boxes with correct symbol  $>$  or  $<$ :

1. 1003467  987965

2. 47893501  47894021

3. 10357690  11243567

4. 27596381  7965412

5. 3572014  10235401

- ④. (i) Arrange the following in descending order
- (a). 199988, 1704382, 200175,  
1702497, 201200, 1712040
- (b). 5032786, 23794206, 5032790  
23756819, 987876

(ii) Arrange the following in ascending order:

(a). 700087, 8014257, 8015032,  
10012458, 8014306

(b). 1020304, 893245, 980134,  
1021403, 893425, 1020216

⑤. The population of a city in the year 2014 was 14693675. In the following year, the population became 18002403. Find the increase in the population.

⑥. A man had ₹ 10672540 with him. He gave ₹ 4836980 to his wife, ₹ 3964790 to his son and the rest to his daughter. How much money was received by the daughter?

⑦. A rope of length 10m has been divided into 8 pieces of the same length. What is the length of each piece?

⑧. A factory produces 6985 screws per day. How many screws will it produce in 358 days.

9. Fill in the blanks

(i). 1 crore = \_\_\_\_\_ thousand

(ii) 1 crore = \_\_\_\_\_ million

(iii). The smallest 4-digit number with four different digits is \_\_\_\_\_

(iv). 1 is neither \_\_\_\_\_ nor \_\_\_\_\_

(v) Two perfect numbers are \_\_\_\_\_ and \_\_\_\_\_

(vi) The <sup>smallest</sup> composite number is \_\_\_\_\_

(vii). The smallest prime number is \_\_\_\_\_

10. True and false

(i). The sum of two odd numbers is always odd

(ii). Every number is a factor and a multiple of itself.

(iii). Both factors and multiples of a number can be infinite.

(iv). Every even number is composite

(v). The sum of one odd and one ~~prime~~ even is always even

(vi). 100 lakhs make a million

(vii). The successor of the greatest 5 digit number is 100000

(11). Define the following with suitable example:

(i). Even numbers

(ii). Odd numbers

(iii). Prime numbers

(iv). Composite numbers

(v). Perfect numbers

(vi). Factors of a number

(vii). Multiples of a number

(12). Find the factors of the following

(i). 20      (ii). 36      (iii). 125

(iv). 121      (v). 76

(13). Write the first five multiples of the following numbers

(i). 17      (ii). 23      (iii). 65

(iv). 70      (v). 37

(14) Can a composite number be odd? If yes, write the smallest odd composite number.



(15). (i). Express each of following numbers as the sum of two odd primes.

(a) 36      (b) 42      (c) 84

(ii). Express each of the following odd numbers as the sum of three odd prime numbers:

(a) 31      (b) 49      (c) 63

(16). Find the whole number  $n$  when:

(i).  $n + 4 = 9$

(ii).  $n + 35 = 101$

(iii).  $n - 18 = 39$

(iv).  $n - 20568 = 21403$

(17). A housing society constructed 197 houses. If the cost of construction for each house is ₹ 450000, what is the total cost for all the houses?

(18). ~~50~~<sup>50</sup> chairs and 30 blackboards were purchased for a school. If each chair costs ₹ 1065 and each blackboard costs ₹ 1645, find the total amount of the bill.

(19). (i). The product of two numbers is 504347. If one of the numbers is 317, find the other.

(ii). The cost price of 23 colour television sets is ₹ 570055. Determine the cost price of each TV set if each costs the same.

20. Multiple choice questions. Mark (✓) the correct option. Write the solution also

(i),  $7589 - ? = 3434$

- (a) 11023      (b) 4245  
(c) 4155      (d) none of these

(ii),  $587 \times 99 = ?$

- (a) 57213      (b) 58513  
(c) 58113      (d) 56413

(iii)  $4 \times 538 \times 25 = ?$

- (a) 32280      (b) 26900  
(c) 53800      (d) 10760

(iv)  $(888 + 77 + 555) = (111 \times ?)$

(v) If  $a$  is a whole number such that  $a + a = a$ , then  $a = ?$

- (a) 1      (b) 2      (c) 3  
(d) none of these

22.

Using paper cutting and pasting give the numbers for the following options and then answer the following questions.

(i). Sixty five lakh three hundred twenty two.

(ii). Four hundred seventy five million three hundred sixteen thousand four hundred one.

(iii). The successor of 9,24,999

(iv). Predecessor of 4,56,909

(v). Greatest 7 digit number using 4, 5, 0, 6, 2, 1, 8

(vi). Smallest 7 digit number using 2, 3, 4, 1, 5, 7, 3

Questions :-

(a). Which number is the largest

(b). Which number is the smallest

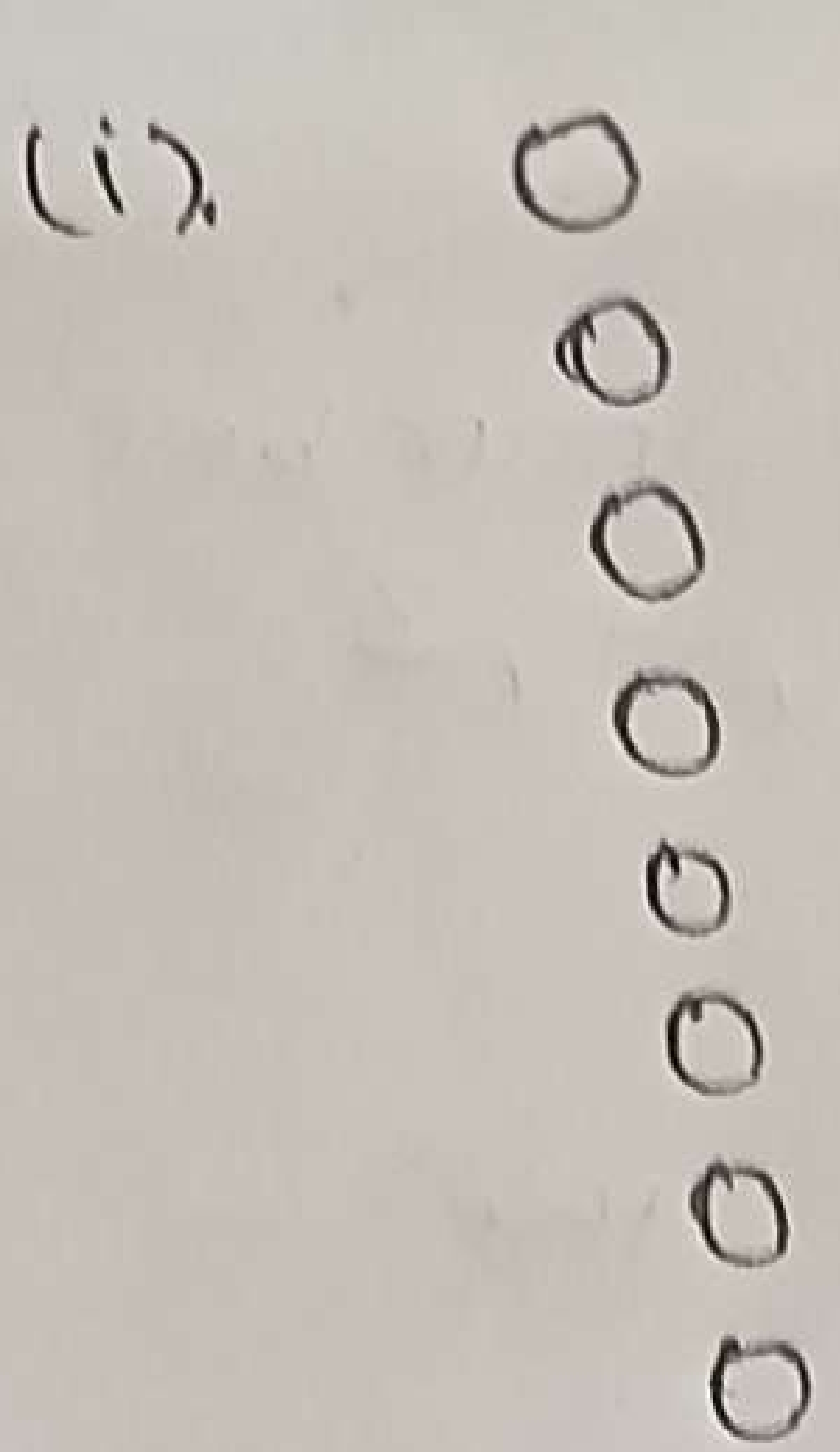
(c). Write the numbers in both ascending and descending order.

(d). From (iii) to (vi), write the numbers in both Indian and international system.

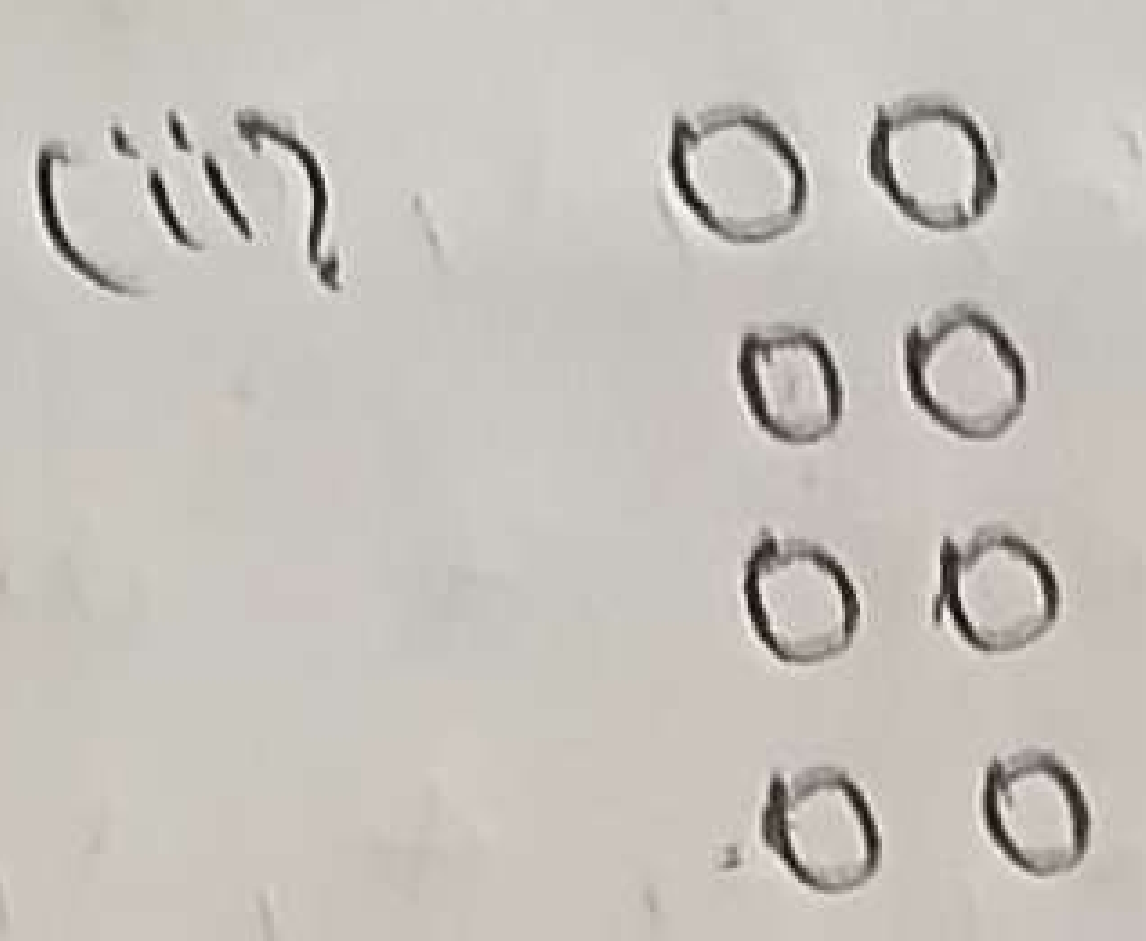
Q3

With the help of circular pieces demonstrate in a chart factors of at least 5 numbers. The circular pieces must be arranged in rows and columns where each row must include same number of circles. Make such combinations and find out factors for numbers of your choice.

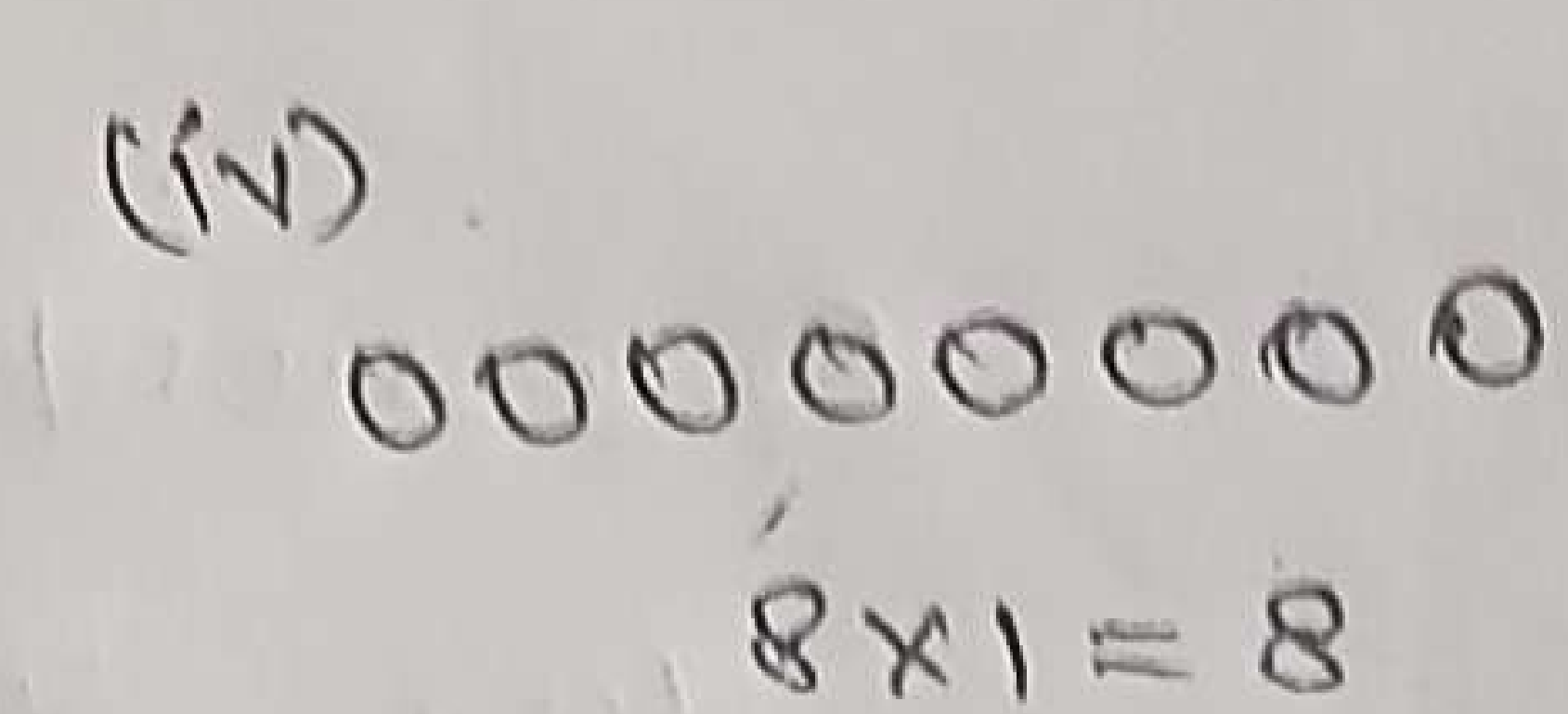
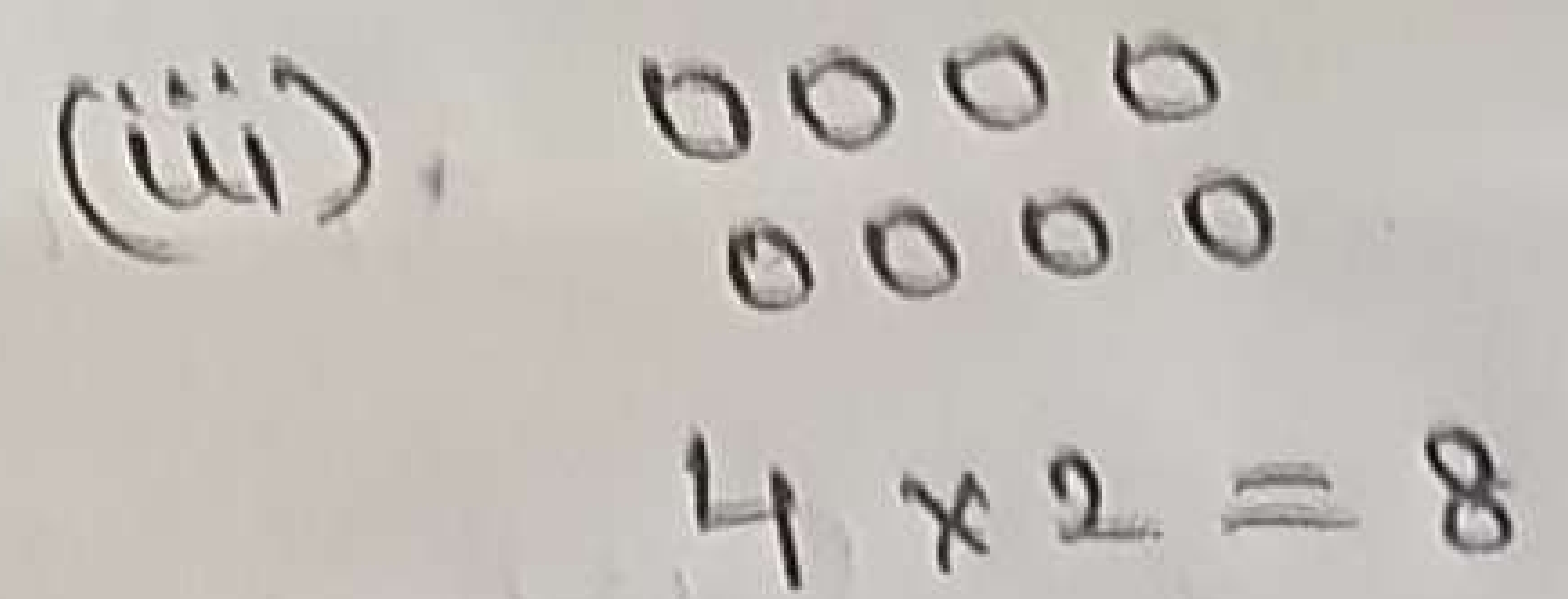
Example :- If the number is 8 so, circular pieces can be arranged in the following ways



$\Rightarrow 1 \times 8 = 8$   
 ↑     ↑  
 no. of no. of  
 columns



$2 \times 4 = 8$   
 ↑     ↑  
 no. of no. of  
 columns rows



no. of factors = 4  
 (1, 2, 4, 8)

This activity represents the number of factors. Follow the same procedure on a sheet with cutting and pasting and find factors of at least 5 numbers of your choice.

## SUBJECT: SCIENCE

1) Research and then make a list (with pictures) of food items generally taken by people of different regions of India. Paste these pictures on a large outline map of India. Refer to the picture given below.



2) Prepare a note on the following 20 terminologies. Do it in your Scrap book.

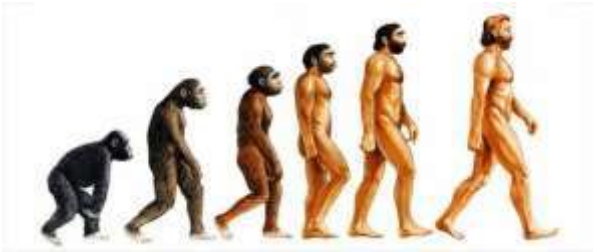
1. Science
2. Cell
3. Deficiency
4. Antibodies
5. Obesity
6. Solubility
7. Vitamin
8. Enzyme
9. Carbohydrate
10. Protein
11. Lustre
12. Virus
13. Bacteria
14. Fungus
15. Digestion
16. Roughage
17. Balanced diet
18. Scurvy
19. Nutrients
20. Haemoglobin

## SUBJECT: SST

### 1. Compare and contrast the life of people in the stone age and today.

HINTS:

- a) It should include food, shelter, clothing.
- b) Special reference to discovery of fire.



### 2. Make a colourful Solar system with glitters or colorful paper strips. Explain the features of each planet.



**SUBJECT: COMPUTERS**

**MAKE PRESENTATION ON “ARTIFICIAL INTELLIGENCE”**

### **Points of reference**

- **Welcome Slide**
- **ARTIFICIAL INTELLIGENCE**
- **Types of Artificial Intelligence**
- **Examples of Artificial Intelligence**
- **How we can make use of AI in our life.**
- **Thank you slide**

### **Note:-**

**Holiday Homework should be done in MS PowerPoint. Insert pictures in your slide where ever required and also make use of animations and transition effects.**

## SUBJECT: SANSKRIT

1. एक पेड़ का चित्र बनाकर उस पेड़ पर पाँच फूल, पाँच पत्ते, पाँच फल बनाएं और फूल के अंदर स्त्रीलिंग संस्कृत शब्द लिखें। पत्ते के अंदर नपुंसकलिंग संस्कृत शब्द लिखें। फल के अंदर पुलिंग संस्कृत शब्द लिखें।

2. अपने परिवार के सदस्यों का चित्र चिपकाकर उनका नाम तथा आपसे उनका क्या संबंध है लिखिए। साथ ही साथ उनके नाम एवं संबंध के शब्दों का वर्ण विच्छेद कीजिए।



उदाहरण - जननी - कमला

क्+अ+म्+अ+ल्+आ

सामान्य निर्देश- छात्र का नाम, कक्षा, वर्ग एवं तिथि लिखना अनिवार्य है।

**Note- Children must revise the whole syllabus covered till date.**

