Dr. Kitchlu Public Sen. Sec. School, Moga

Holidays Homework

Class – VI

- *This is the time to relax in the cool comfort at home.*
- *Do some physical activity or exercises during morning or evening time.*
- *Spend some quality time with your parents and grandparents and learn something from them to enhance your knowledge.*

"Learning by doing is growing and succeeding"

- *Keeping this in mind we have planned some fun filled creative activities for you during the vacation.*
- *Try to work independently. However, take help & guidance from your parents wherever required.*
- *Make a time schedule to study for specific hours every day.*

Read the specifications given for each subject and complete the written work. Revise the work done in all the subjects.

Submit the holiday's homework on 6th July, 2023 at 9:00 A.M.

Instructions for Holidays H.W

1. Worksheets given in pdf format can be printed or drawn on notebooks.

2. Homework can be done on printed worksheets wherever space is available. A separate test note book may also be used for doing the work by making such worksheets at one's own.

3. All pages of **Scrap Book** must be filled as directed by the teacher.

4. Making of a chart paper.

    (a) Use the size of chart paper as instructed by the subject teacher. (Note: half size chart paper for III-IV full size chart paper from V onwards.

    (b) Use the Portrait/ Vertical side of the chart paper only.

    (c) Draw the margin on the chart paper.

    (d) Use full space of the chart paper for completing the task. Draw/Paste pictures of large size.

    (e) Use any medium of colours as instructed by the teacher.

    (f) Write all the details in correct spellings. Use big letters for writing.

    (g) Write your name, roll no, class, section at the bottom of right side.

Colour of chart paper

- Science   –   Yellow
- Social Studies   –   Pink
- Maths   –   White
- Hindi   –   Green
- Punjabi   –   Black
- English   –   Blue

Instructions for making a Model

1. Do thorough research on the chosen topic to gather relevant information.

2. Make a list of all the materials needed for a model. Then collect the required items, ensuring that are easily available, economical and safe to use.

3. Clearly define the objectives of the working model and its introduction.

4. Take necessary precautions especially dealing with electricity or sharp objects.

5. The base (either cardboard or thermocole) of the model should be covered with a chart paper or use plyboard (in case of heavy Model)

6. Labelling should be done and it must be clearly visible. (Pla-card/ charts can be used)

7. For both working and Non- working models, prepare a written report on chart regarding concepts and principles associated with the topic. Use reasonably big letters to write on chart paper.

8. The explanation of the model should be informative, Knowledgeable, effective and in English only.

9. You can assemble the different components of the model in the school if it is bigger in size.

Subject – English

Reading -   *Solve comprehension passages from page no.16 to 27 in BBC.*

Writing -   *Write notice from page no. 67 to 71 and letter writing from page no.124 to 127 in BBC.*

Vocabulary -   *Write the meanings of given homophones and frame the sentences in Test Notebook.*

1)	(i)	Sell	(ii)	Cell			
2)	(i)	brake	(ii)	break			
3)	(i)	accept	(ii)	except			
4)	(i)	dose	(ii)	doze			
5)	(i)	ate	(ii)	eight			
6)	(i)	ear	(ii)	year			
7)	(i)	bye	(ii)	buy			
8)	(i)	sail	(ii)	sale			
9)	(i)	to	(ii)	too	(iii)	two	

Hindi

1. अपने बचपन की कोई मनमोहक घटना का वर्णन करें ।

2. वर्ग पहेली-

ऊपर से नीचे	दाएँ से बाएँ
1. सेना का संचालन करने वाला	2. जैसे-तैसे काम निकालने की विधि
3. बड़ी बीमारी	4. शरीर पर तेल मसलना
5. हुकूमत	5. अच्छा आचरण करने वाला
8. रक्षा करने वाला	6. झंडा
	7. गति
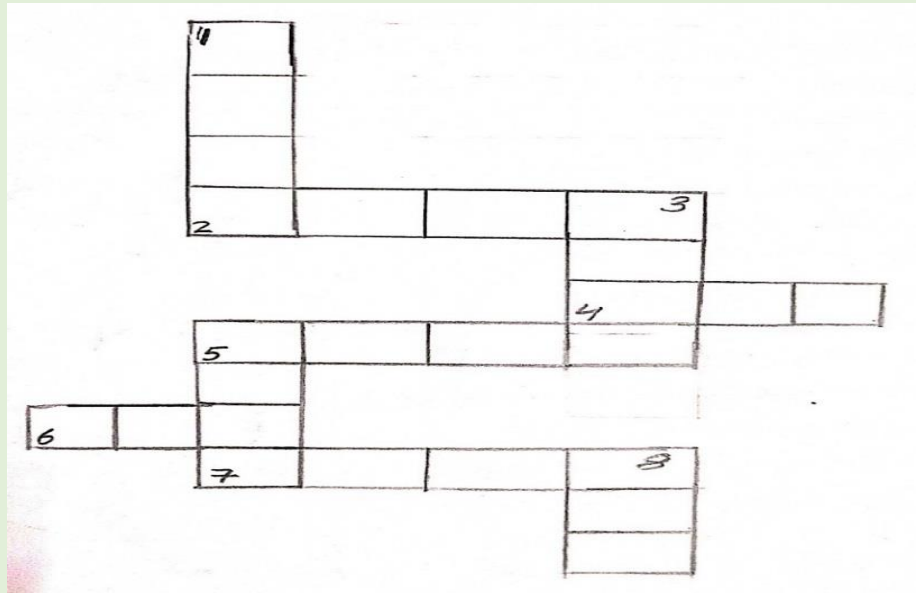
3. एक शब्द के प्रयोग से सभी खाली स्थान भरें।

_____ पुर गाँव में एक_____ सिंह नाम का व्यक्ति रहता था।_____ सिंह के _____ने से_____ ती थी खिड़कियाँ।

4. अपने मित्रों, माता- पिता व भाई- बहनों के नामों की सूची बनाकर वर्ण विच्छेद कीजिए। *(कोई दस नाम)*

5. 'काश! हमारे पास भी पंख होते........' विषय पर दो मित्रों / सहेलियो के बीच संवाद लिखिए। (6-8 संवाद)

6. नीचे दी गई वर्ग पहेली में से सार्थक शब्द ढूँढ कर लिखिए। (कोई दस)

प	रा	व	ण	भा	र	त
ढ.	ब	र	सा	त	आ	म
ना	ति	दा	बु	न	थ	हा
रे	रं	न	न	ली	ता	न
ल	ग	स	चू	स	कू	ल
अं	गू	र	ह	ना	ना	क

7 गुजरात राज्य के मुख्य व्यंजनों के नाम बताएँ।इन में से किसी एक व्यंजन को बनाने की विधि लिखिए।

Note:- सभी कार्य अपनी अलग उत्तर पुस्तिका (TNB) में कीजिए।

Punjabi

1) ਭਾਸ਼ਾ ਜਾਂ ਬੋਲੀ ਅਤੇ ਵਿਆਕਰਨ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦੱਸਦੇ ਹੋਏ, **flow chart** ਦੁਆਰਾ ਕਿਸਮਾਂ ਵੀ ਦਰਸਾਓ।

2) ਪੰਜਾਬ ਦਾ ਨਕਸ਼ਾ ਬਣਾਓ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਉਪਬੋਲੀਆਂ ਨੂੰ ਦਰਸਾਉਂਦੇ ਖੇਤਰ, ਅਤੇ ਦੋ– ਦੋ ਜ਼ਿਲ੍ਹੇ ਵੀ ਉਸੇ ਨਕਸ਼ੇ ਵਿੱਚ ਦਰਸਾਓ।

3) ਅਨੁਨਾਸਕੀ ਵਿਅੰਜਨਾਂ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਅਨੁਨਾਸਕੀ ਵਿਅੰਜਨ ਲਿਖੋ।

4) ਨਾਂਵ ਦੀਆਂ ਕਿਸਮਾਂ ਦੱਸਦੇ ਹੋਏ , ਆਪਣੇ ਆਲੇ –ਦੁਆਲੇ ਵਿੱਚੋਂ ਕੋਈ ਪੰਜ ਨਾਂਵ ਚੀਜ਼ਾਂ ਦੇ ਨਾਂ ਲਿਖੋ ਅਤੇ ਉਹਨਾਂ ਚੀਜ਼ਾਂ ਦਾ ਤੁਹਾਡੇ ਜੀਵਨ ਵਿੱਚ ਕੀ ਮਹੱਤਵ ਹੈ। ਦੱਸੋ।

5) ਤੁਹਾਡੇ ਸਕੂਲ ਦੀ ਇਮਾਰਤ ਤੁਹਾਨੂੰ ਬਹੁਤ ਪਸੰਦ ਹੈ।ਇਸ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਦੱਸਦੇ ਹੋਏ ਆਪਣੇ ਮਿੱਤਰ ਨੂੰ ਚਿੱਠੀ ਪੱਤਰ ਲਿਖੋ।

6) ਪੰਜਾਬੀ ਵਰਨਮਾਲਾ ਲਿਖਦੇ ਹੋਏ , ਵਰਨਮਾਲਾ ਦੇ ਅੱਖਰਾਂ ਦੀ ਗਿਣਤੀ , ਉਸ ਵਿੱਚ ਸਵਰ ਅਤੇ ਵਿਅੰਜਨ, ਨਾਸਕੀ ਅੱਖਰ, ਪੈਰ ਬਿੰਦੀ ਵਾਲੇ ਅੱਖਰ ਅਤੇ ਮੁਹਾਰਨੀ ਨੂੰ ਦਰਸਾਉਂਦੇ ਸਵਰ ਅੱਖਰ ਤੇ ਮੁਹਾਰਨੀ ਵੀ ਲਿਖੋ।

ਨੋਟ: ਦਿੱਤਾ ਗਿਆ ਸਾਰਾ ਕਾਰਜ ਟੈਸਟ ਕਾਪੀ ਵਿੱਚ ਲਿਖੋ।

Solve quickly ....

1. Write the largest 8-digit number. _____

2. Write the smallest 9-digit number. _____

3. Write the number that comes before 7,21,87,611. _____

4. 3,72,988 people visited Taj Majhal. Round it off to nearest 100.

_____

5. Form the smallest and largest 8 digit number usng 6,0,9, 3,2,1 ,7

_____

6. Write Eight Million in numbers. _____

7. LXXIV+CX+X+CD : _____

8. Write 34509900 in International system. _____

9. Round the distance 71,28,670 to nearest 100. _____

10. Round the 5,33,00,671 to nearest 1000. _____

11. Round it to nearest 10 9,99,99,748. _____

12. Round 12,67,88,213 number to nearest Lakh and ten thousand.

_____

Write down these numbers in expanded form.

1) 24,128 = 2 ten thousands + 4 thousands + 1 hundred + 2 tens + 8 ones

2) 5,839 =

3) 10,463 =

4) 7,624 =

5) 52,806 =

6) 13,290 =

7) 8,072 =

8) 71,506 =

9) 62,850 =

10) 8,294 =

11) 9,075 =

12) 6,219 =

13) 82,045 =

14) 17,230 =

15) 40,261 =

16) 9,386 =

17) 72,108 =

18) 23,068 =

19) 8,936 =

20) 42,085 =

Ten, Hundred & Thousand

		Round to the nearest ten	Round to the nearest hundred	Round to the nearest thousand
i.	7847			
ii.	2533			
iii.	6934			
iv.	5781			
v.	9635			
vi.	241			
vii.	4578			
viii.	6321			
ix.	7854			
x.	6327			
xi.	7145			
xii.	5476			

	1	2	3	4	5	6	7	8	9	10
1s	I	II	III	IV	V	VI	VII	VIII	IX	X
10s	X	XX	XXX	XL	L	LX	LXX	LXXX	XC	C
100s	C	CC	CCC	CD	D	DC	DCC	DCCC	CM	M

Write the correct number next to each Roman numeral.

1) CC = _____

2) CL = _____

3) CDV = _____

4) DLX = _____

5) CML = _____

6) CXXV = _____

7) DLVI = _____

8) CXC = _____

9) DCCX = _____

10) DLXXII = _____

11) CLXXIX = _____

12) DCCLXX = _____

13) CMXXXVII = _____

14) DCLXXXIV = _____

Write the correct Roman numerals next to each number.

1) 150 = _____

2) 320 = _____

3) 615 = _____

4) 94 = _____

5) 412 = _____

6) 541 = _____

7) 225 = _____

8) 532 = _____

9) 809 = _____

10) 674 = _____

11) 298 = _____

12) 943 = _____

13) 477 = _____

14) 839 = _____

Roman Numerals Calculations

XLVI – XXVIII	= ____	LVII + XXXIV	= ____
LXXXVI – LIX	= ____	XXIV + LVI	= ____
LVII – XXIV	= ____	XLIII + XVIII	= ____
LXIV – XLVI	= ____	XLII + XLV	= ____
LXXXI – LII	= ____	XXV + LXXIII	= ____
LXXVII – XXXIX	= ____	LXIX + XVIII	= ____
V x IX	= ____	XLIX ÷ VII	= ____
VII x VI	= ____	XL ÷ V	= ____
XII x IV	= ____	C ÷ II	= ____
VIII x VIII	= ____	LXXII ÷ VI	= ____
III x VII	= ____	LVI ÷ VIII	= ____
IX x VII	= ____	XX ÷ V	= ____

Number Properties

Addition - Real Life Word Problems

1. California recorded 15,765 cars registered in June and 9,476 in July. What is the total number of cars registered in California in June and July?

2. New Jersey recorded a sale of 8456 smartphones in January and 9643 in February. What is the total number of smartphones sold in January and February?

3. A supermarket sold 7,567 biscuit tins in March and 8786 in April. What is the number of biscuit tins sold in March and April?

4. A garment factory manufactured 12,846 shirts in January and 18, 765 in February. What is the total number of shirts manufactured in January and February?

Multiplication Word Problems

1) Vanessa sells 65 crab cakes every day. How many cakes will she sell in 20 days?

   _____

2) Michelle has 21 photos in her phone. If Brandon has 15 times more photos than Michelle does, how many photos does he have?

   _____

3) At Nicole's birthday party, all her 17 friends get a surprise goodie bag. If each bag contains 10 candies, how many candies do her friends get in all?

   _____

4) Gerald was tasked with packing historical figurines and sending them to the museum. There were 13 boxes, and he put 31 items in each box. How many figurines did Gerald pack in all?

   _____

5) Daphne is allowed to play outside for 90 minutes. How many minutes of playtime will she get in 14 days?

   _____

6) If a basket contains 34 strawberries, how many strawberries would 19 such baskets contain?

Find each quotient.

$47 \overline{)564}$ $15 \overline{)457}$ $21 \overline{)798}$

$54 \overline{)6,588}$ $36 \overline{)2,655}$ $44 \overline{)4,180}$

$23 \overline{)1,405}$ $56 \overline{)8,362}$ $58 \overline{)3,770}$

$81 \overline{)6,168}$ $49 \overline{)1,813}$ $55 \overline{)4,822}$

BODMAS Rule Worksheet

Evaluate the following :

1) $5 + 3 \times 12$

2) $24 \div 6 + 7^2$

3) $3 \times (27 - 16)$

4) $25 - 4 \times (7 + 5) \div 4 + 3$

5) $64 - 3(13 + 2 \times 12 \div 8 - 3 \times 3) + 11$

6) $[(45 - 3) \div (3^2 + 5)] \times 2 - 5$

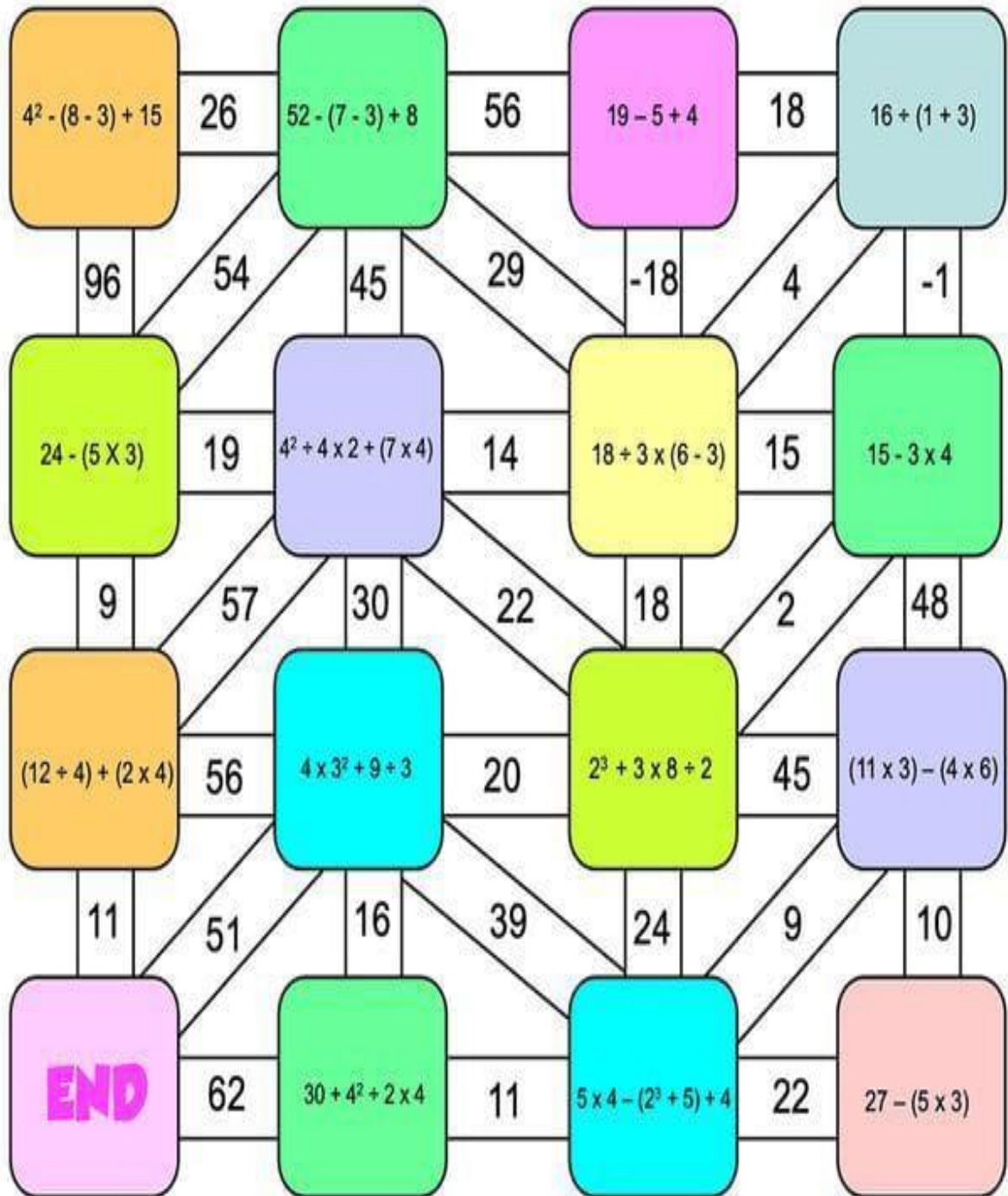7) $(2 \times 3^3 \div 9) - 2 \times (6 + 8) \div 7$

8) $(120 - 12) \div (36 \div 3) - 22 + 7$

9) $5 \times 12 \div 10 - (6 \times 4) \div 12$

10) $[96 \div (6^2 - 12) \div 4 - 3] \times 2 + 13$

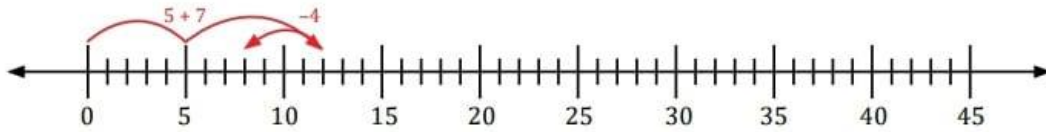# USE THE ORDER OF OPERATIONS TO SOLVE EACH SENTENCE!

START

$4^2 - (8 - 3) + 15$	52 - (7 - 3) + 8	19 – 5 + 4	16 ÷ (1 + 3)

26   56   18

96   54   45   29   -18   4   -1

24 - (5 X 3)	$4^2 ÷ 4 \times 2 + (7 \times 4)$	18 ÷ 3 x (6 - 3)	15 - 3 x 4

19   14   15

9   57   30   22   18   2   48

(12 + 4) + (2 x 4)	$4 \times 3^2 + 9 ÷ 3$	$2^3 + 3 \times 8 ÷ 2$	(11 x 3) – (4 x 6)

56   20   45

11   51   16   39   24   9   10

END	$30 + 4^2 + 2 \times 4$	$5 \times 4 – (2^3 + 5) + 4$	27 – (5 x 3)

62   11   22

Operation with Whole Numbers
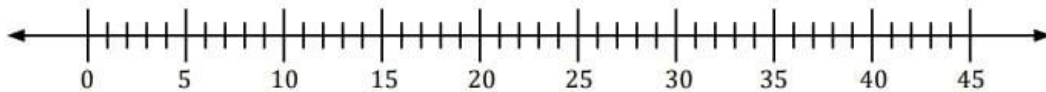
Number Lines
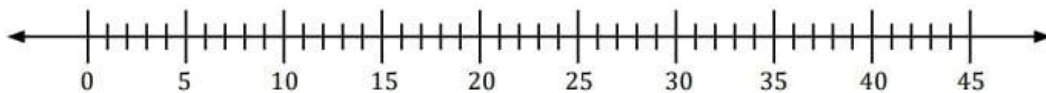
Use number line and find the answer:

i.

$$5 + 7 - 4 =$$

ii.

$$10 + 8 - 13 =$$

iii.

$$17 + 6 - 15 =$$

iv.

$$29 + 12 - 14 =$$

4 + 12 x 6	76	3 x (8 - 5) + 6	19	19 - 5 + 4	18	16 ÷ (1 + 3)

96   10   15   25   -18   4   -1

24 - (5 x 3)	19	15 ÷ 3 + (2 x 1)	+14	3 x 8 - 5 + 6	15	15 - 3 x 4

20   4   23   7   40   3   48

(12 ÷ 4) + 2 x 4	56	54 + (6 ÷ 2) - 1	20	18 - 8 x 2	2	(11 x 3) - (4 x 6)

11   -1   22   51   24   9   10

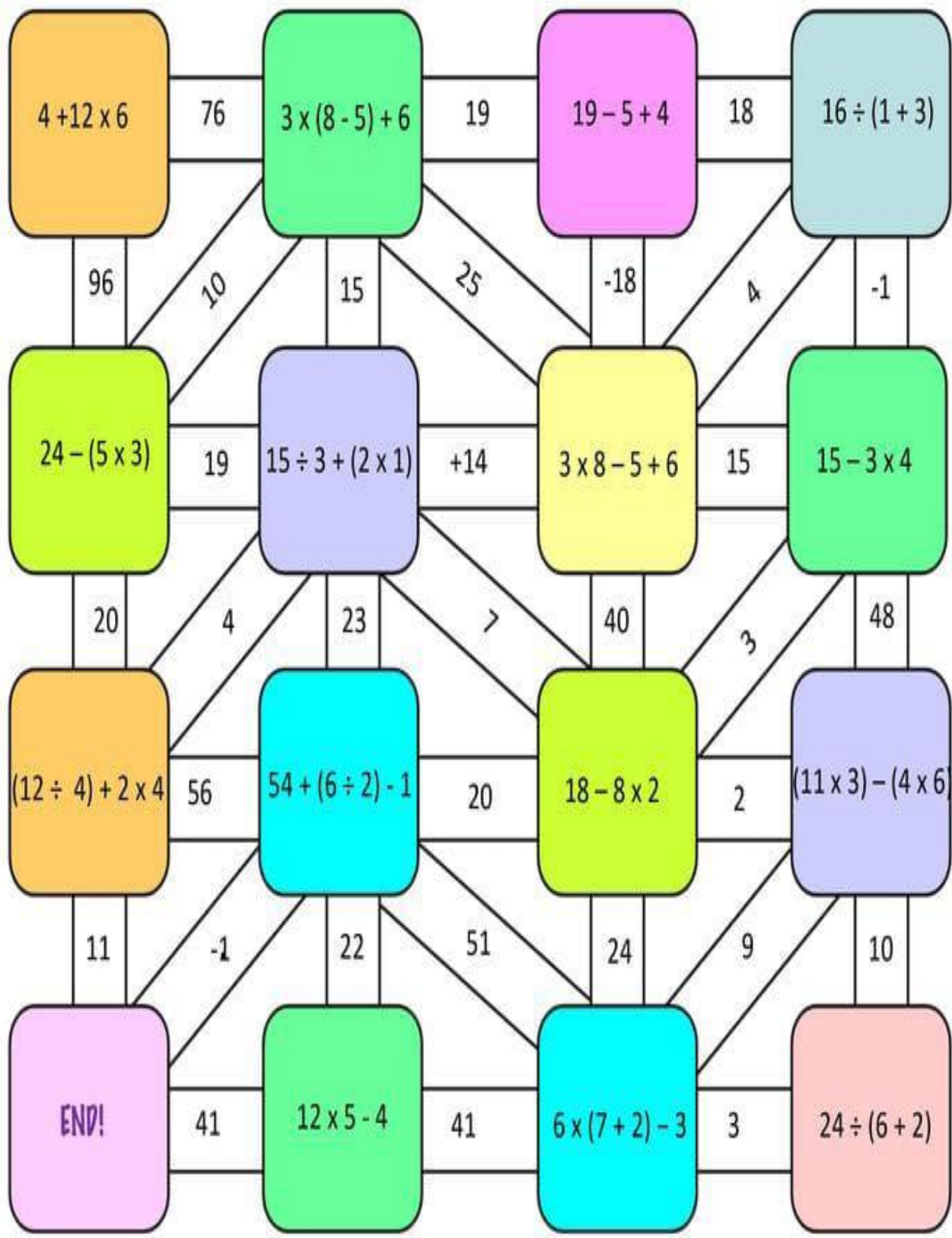| END!	41	12 x 5 - 4	41	6 x (7 + 2) - 3	3	24 ÷ (6 + 2)
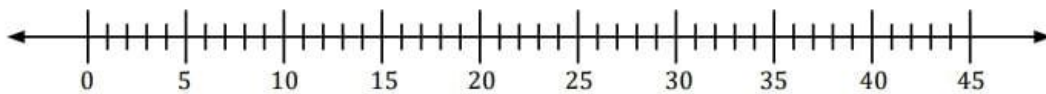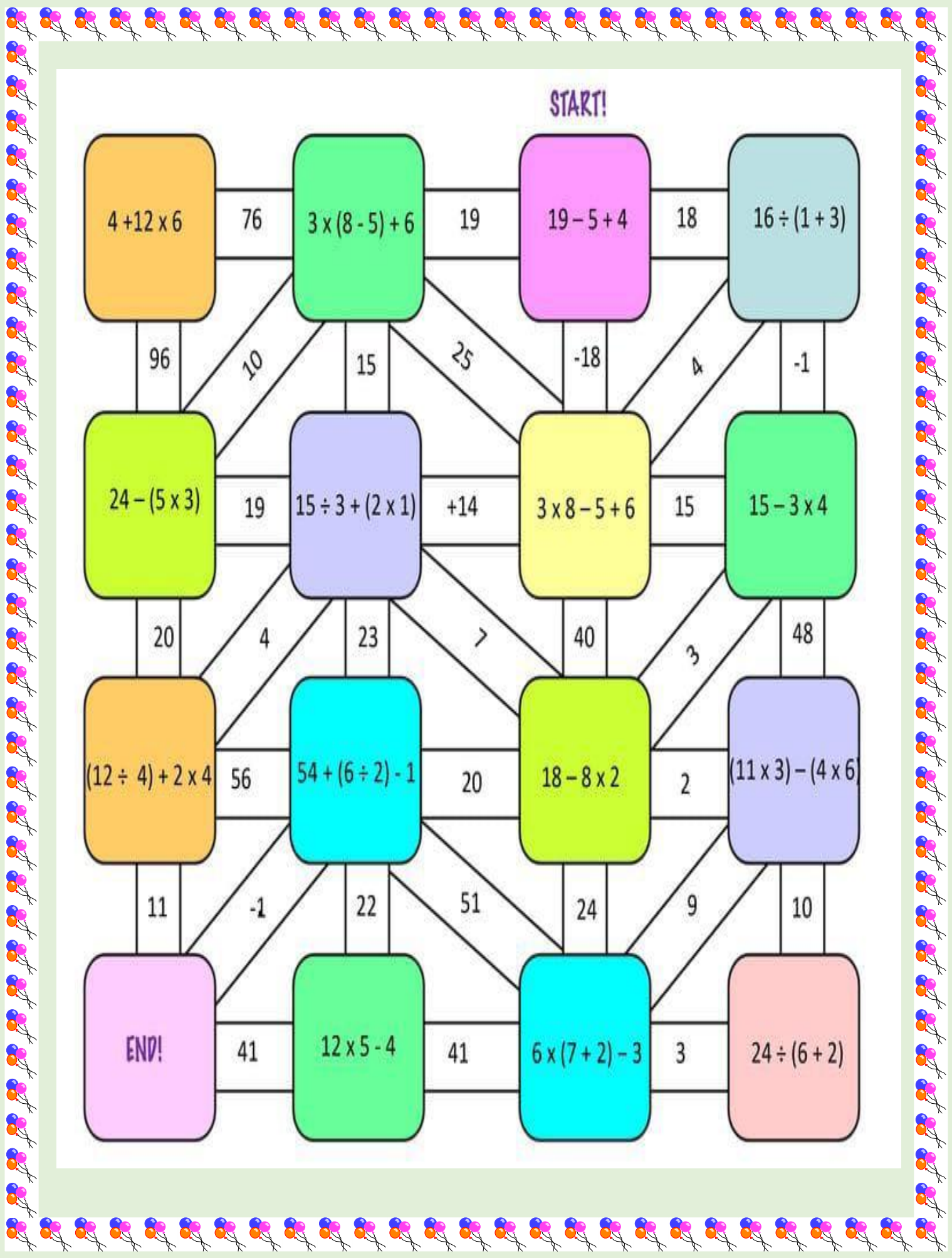
Science

1) Complete your practical file

2) Assignments: (Do on separate TNB)

(i) Find out the names of five preservatives commonly used in foods. You can refer either to the internet or to the wrappers of used food items. Make a table containing the names of the preservatives and the food items in which they are used.

(ii) Make a list of substances from home which can be used to clean the teeth instead of using toothpaste.

(iii) BMI (Body mass index) gives us the indication of our healthy height and weight. It is given by the formula BMI= weight (in kg) / square of height in metres. Find the BMI of at least 5 family members and tabulate the data.

(iv) Note down the nutrients present in the following items, printed on packet.

Food items	Nutrients
Cornflakes	
Biscuits	
Instant noodles	
Oats	
A health drink	
Chips	

➢ Take the following items and mix in a glass of water one by one, check which one miscible and which is immiscible (Sugar, Salt, Chalk powder, Sand, Baking soda, Coconut oil, Vinegar, Lemon juice) write the observation in TNB.

➢ Match the properties of materials with their meanings

	Properties		Meaning
1.	Water proof		Hard but can be easily broken
2.	Brittle		does not soak up water
3.	Natural		difficult to break
4.	Absorbent		not man made
5.	Strong		soak up water

➤ **Complete the following :**

1. 100 Kg + 200 Kg + 350 Kg + _ _ _ _ _ _ _ _ _ _ Kg = 1 ton

2. 100m + 200 m + _ _ _ _ _ _ _ _ _ _ m = 1km

- Observe 10 different items in your house. Note which material is used to make them. Write in TNB.
- Solve the cross word given below. Use the clues to complete it.
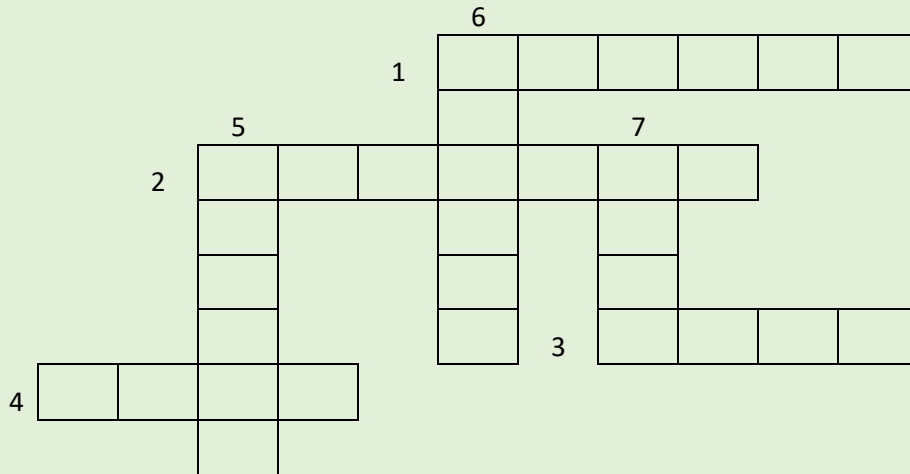
Across	Down
1. It is a nut	5. A pulse
2. Green leafy vegetable	6. Milk product
3. Source of eggs	7. Milk product
4. Seed used as a pulse	

Social Studies

Geography: -

1. Do the following maps in a map file.

1) Neighbouring countries.
2) Important archaeological sites
3) States and their capitals
4) Continents of the world
5) Oceans of the world.

2. Draw phases of Moon. Explain about Full moon and new moon.

3. How do you calculate time zone in different countries? Collect information about any 5 countries.

4. Draw a diagram showing the position of the Sun and the Earth, on its orbit in March. Show where the direct rays of the sun fall and state what the duration of the days and nights are at this time.

5. Draw a map of your school/ house. You can first prepare a rough outline of the area. Use conventional symbols and various colours to represent the features of the place. Make a legend and write a title for your map.

History: -

1) Make a flow chart on : The Palaeolithic age, Mesolithic age, Neolithic age.
2) Write in detail about the drainage system of the Indus valley civilization

Civics:

1) What is the role played by the police in the rural areas?
2) Which festivals are celebrated in Gujarat and Arunachal Pradesh?

Note : Do the given work in separate test note book .

Art & Craft

Instructions:-

1. Prepare your activity / Model given by the art teachers with the help of videos.
2. Topics are already allotted in the class.
3. Follow the steps given in the video.
4. Prepare the given project beautifully and for any query contact art teachers.
5. Best Materials will be selected for exhibition.

Write short cut keys

1. Select all   **Ctrl +A**
2. Cut   _____
3. Copy   _____
4. Paste   _____
5. Save   _____
6. Undo   _____
7. Redo   _____
8. Print   _____
9. Bold   _____
10. Underline   _____
11. Italic   _____
12. Open   _____
13. Find   _____

Make a Power Point presentation on any one topic :

1. *Computer Memory*   2. *Computer Devices*

Note :- Submit the presentation on the Sanghasar698@gmail.com Email ID with your Name, Class & full Roll No.

Art Integrated Project

Topic: Bio Gas plant   **Days – 15**   **Date: 6ᵗʰ June to 20ᵗʰ June 2023**

Guidelines:

1) It is compulsory to submit the Art Integrated Project involving subjects English, Hindi, Maths, Science and S.St.
2) Use colourful assignment sheets of A4 size to complete the project.
3) Draft acknowledgment on the very first page of the project (page 1)
4) Make index on page no.2.
5) Make collage, paste pictures and draw diagrams, figures, pie charts, bar graph etc. by using pencil colours, sketches or any other medium of colours wherever required.
6) Search the material required from any source available and mention the source under bibliography on last page.
7) Punch all the assignment sheets and tag in a decorated file.
8) Write beautifully in neat and clean handwriting.

   No. of pages should be as follow:

Science	-	05	maths	-	03
S.St	-	05	English	-	03
Hindi	-	03			

Science: -

- Write science on 1 page
- Introduction to Bio gas plant (1 page)
- Construction of Bio gas plant and (draw diagram of biogas plant on white side) (1 page)
- Principle and working of Bio gas plant and **(write chemical equation on white side)** (1 page)
- Advantages of Biogas plant (1 page) Total 5 pages

Mathematics: -

➢ Pendown a table on power potential of various biomass waste (Sheet 1)
➢ Draw a bar graph using table of various biomass waste (on plain side of sheet)
➢ Prepare one more table of production of biogas in different states. Total 3 sheets

Social Science: -

➢ Topic – Establishment of Biogas plant in 10 different states.
➢ Use of Biogas plant in different states (1 page)
➢ Write in detail about any ten states where biogas plant has been established according to the given table (2 pages) Paste or draw relevant pictures.

State	Place	When	Benefit for that state of biogas plant

➢ Write description of the map. (1 page)
➢ Paste map on white side that shows different states where biogas plant has been established. Colour the states to make it attractive. Paste or draw relevant pictures. (Total 5 pages)

English:

Topic uses of Biogas

➢ Write a paragraph on uses of Biogas (200 words). Draw or paste relevant pictures (On plain side of sheet) (Total 3 pages)

Hindi: -

बायोगैस प्लांट के उपयोग बताते हुए मित्र को पत्र लिखिए। (2 pages)

विषय से संबंधित चित्र बनाएँ या चिपकाएँ।

Last page – Bibliography   (Total 23 pages)