

## SUMMER HOLIDAY HOMEWORK OF CLASS 8

### • ENGLISH

As an environmentalist how can you contribute to save our planet mother Earth?

Revise main course book, supplementary and grammar work done till 10th of May.

Children can write in the form of---article writing collage making, Essay writing, videos or they can make any project for demo.

### • HINDI

1--- वस्तु -विनिमय क्या है?

पुराने समय में वस्तु-विनिमय का प्रचलन क्यों था?

पंद्रह बीस पंक्तियों में लिखिए।

2---ग्राम्यभाषा के आम

बोलचाल के 15-20 शब्दों का संकलन कीजिए और उनके प्रचलित अर्थ भी लिखिए।

3--महामारी और संक्रामक बीमारियां नियंत्रण के बाहर क्यों होती जा रही हैं?

अपने विचार 15-20 पंक्तियों में लिखें।

4-. मशीनी उद्योगों ने कुटीर उद्योगों को बर्बाद करके रख दिया है। कैसे?

### • MATHS

1. Write:- (i) The rational number that does not have a reciprocal.

(ii) The rational number that is equal to its reciprocal.

2. Fill in the blanks:- (i) The number \_\_\_\_\_ and \_\_\_\_\_ are their own reciprocal

(ii) The product of two rational number is always a \_\_\_\_\_ number.

(iii) The reciprocal of  $-5$  is \_\_\_\_\_.

(iv) The reciprocal of a positive rational number is \_\_\_\_\_.

(v) Rational numbers are not closed under \_\_\_\_\_.

3. Represent the following rational numbers on the number line.

(i)  $-5/4$  (ii)  $5/3$  (iii)  $4/23$

4. Insert six rational numbers between 14 and 12 .

5. The sum of two rational numbers is  $-12$  . If one of them is  $56$  , find the other.

6. What number should be subtracted from  $-23$  to get  $-12$  .

7. The product of two rational numbers is  $-169$  , if one of the numbers is  $-43$  , find the other number.

8. Find the value of :-  $-95 + -85 \div 52 \times -54$  .

9. After reading 79 of a book, 40 pages are left. How many pages are there in the book?

10. Find :-  $25 \times -37 - 114 - 37 \times 35$  .

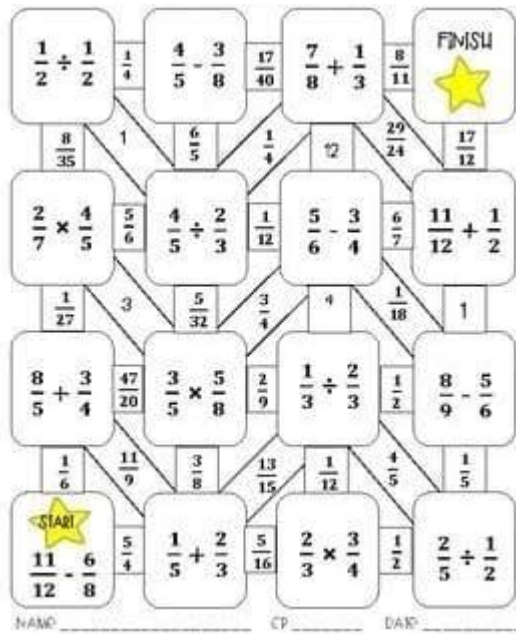
11. Write any three rational numbers between  $-2$  and  $0$ .

12. Write the additive inverse of the numbers :- (i)  $211$  (ii)  $-317$  .

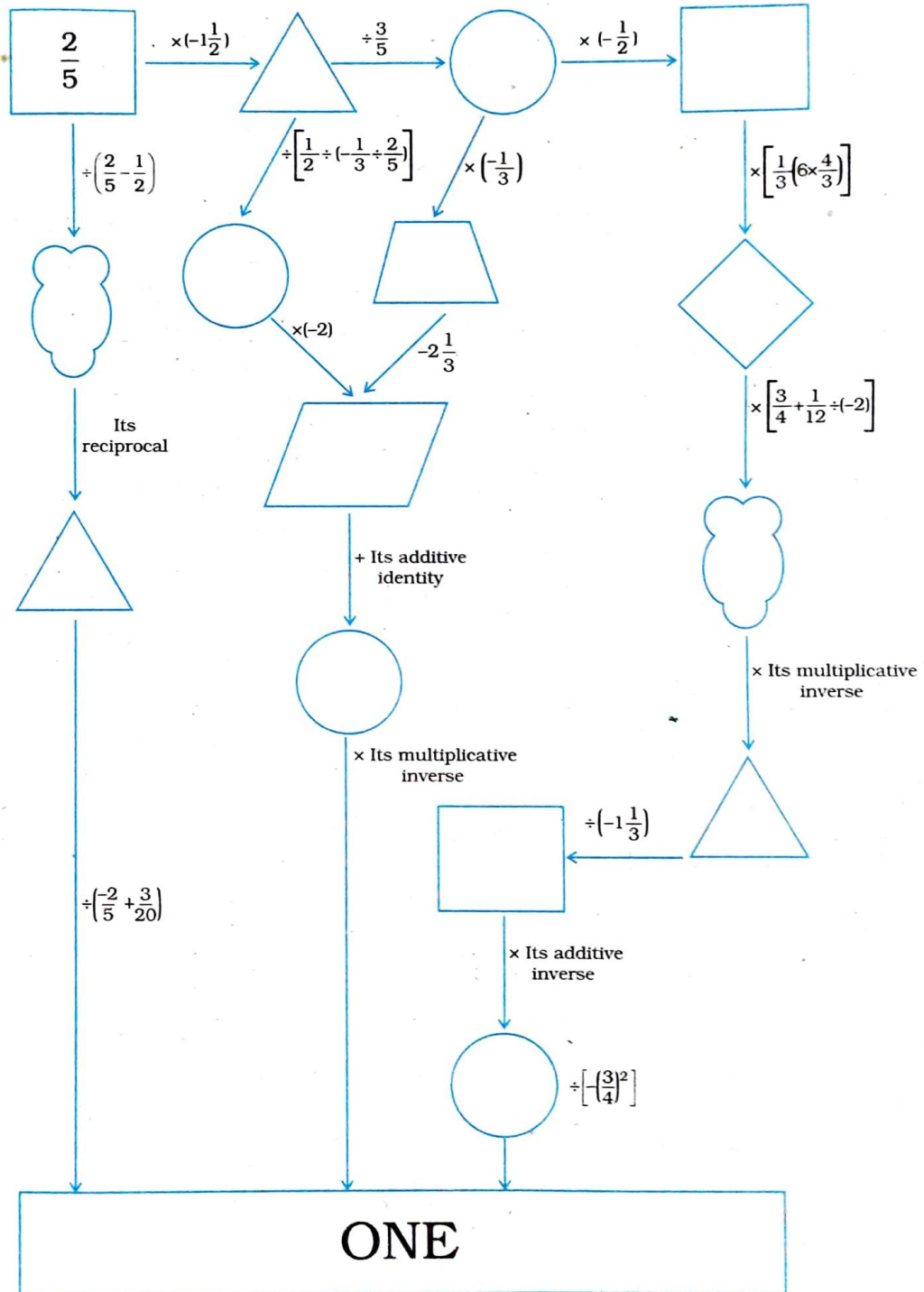
13. Write the multiplicative inverse of the numbers :- (i) 54 (ii)  $1\frac{17}{18}$  .  
 14. Find the value of :-  $\{ 910 \times 412 \} + \{ 916 \times -39 \}$  .  
 15. Find the value of :-  $37 + -511 + -821 + 522$  .  
 16. Find the value of :-  $-45 \times 37 \times 1516$  .  
 17. Multiply 613 by the reciprocal of 526 .  
 18. Write three rational numbers greater than 5.  
 19. Add :-  $-12 + 18 + 316$  .  
 20. Multiply :-  $2636 \times 12 - 5 \times 115$  .

OR

1.



2.



- **SCIENCE**

1. Make a food diary of your daily diet (mon-sun) for a week (including breakfast, lunch,snacks, dinner)

2. Make a project on different types of rabi and kharif crops (you can paste the picture and write 2-3 lines about it).
3. Make a video by explaining that microorganisms are present in soil.
4. Make a ppt of harmful and useful microorganisms. (5-6 slides).

- **SOCIAL SCIENCE**

- HISTORY** □ Write Short Notes on Mahatma Gandhi.  
□ Write Short Notes on First war of Independence.

**GEOGRAPHY CH-3** Mineral and Power Resources-

1. Write down Distribution of Minerals.
2. Write the Non-Conventional Sources of Energy

**CIVICS CH-1**

Write down the Fundamental Rights of Indian Constitution.

- **SANSKRIT**

- १:-संस्कृत भाषा का क्ा महत्व है? आपको संस्कृत भाषा कै सेलगती है? और क्ों ?अपनेववचारों को सरल संस्कृत अथवा हहंदी मेंललखनेका प्रर्ास करें।
- २:-10 फलों और 10 सब्जिर्ों केसंस्कृत मेंनामों का संकलन करेंऔर ललखें।
- ३:-सुभावषतानन के5 श्लोकों को ललखेंऔर उन्हेंर्ाद करें।
- ४:- अपनी पाठू पुस्तक मेंसेहदए हुए कोई एक शजद रूप और एक धातुरूप ललखें।
- ५:- 1 से50 तक संस्कृत मेंगनती ललखें।

\* **GK**

Make a project on inspiring women of India (you can paste the picture and write 2-3 lines about it )

Write short note on these given topics:

- i) Judicial system in India
- ii) Sports legends.
- iii) Make a collage on measuring instruments.

- **COMPUTER**

**Chapter no. -10**

**Name of Chapter-** Future Possibilities of Artificial Intelligence

Make a note of following given topics in holiday notebook-

1. Evolution of Artificial Intelligence.
2. Future Possibilities of Artificial Intelligence in various fields.
  - AI in Military
  - AI in Research
  - AI in Healthcare
  - AI in Entertainment

- AI in Coding
3. Future AI careers with specific skill set.
    - Data Scientist
    - Machine Learning Engineer
    - Business Intelligence Developer
  4. Ethical Concerns Related to Implications of AI

**Note-** Write the answer of the following questions-

1. Explain the role of AI in Entertainment?
2. List the career opportunities available in the fields of AI system.
3. Explain the role of AI in healthcare.
4. Explain the ethical concern related to the implication of AI.

**LAB Activity-**

Future Wearables (Smart Clothing)-

To do this activity click on given URL address-

<https://innovation.microsoft.com/en-us/exploring-future-of-wearables> and press enter key.