

HARI VIDYA BHAWAN

Worksheet – 8

Class – VI

Chapter-Knowing our numbers

Subject : Mathematics

Date : 14/04/2020

Instructions :

1. Complete these worksheets in any previous class notebooks or rough copy only.
2. This worksheet as your periodic test I. Marks would be given to those who complete it else you will have to go through pen paper test after the school reopens.
3. If you have any query related to worksheets ask your queries in whatsapp group between 11am -1 pm in morning and 5 pm – 7pm in the evening.
4. All the students must download Active app for all content related to chapter for completing worksheets.
5. **video link <https://www.youtube.com/playlist?list=PLCzalJYXP5YctGibJ-pMFcaNBn-vAbC-I> and book pdf(shared on the whatsapp group) for this worksheet as it will help you to understand the topic.**

1. Write the expression for each of the following statements using brackets:

(i) Four multiplied by the sum of 13 and 7.

Solution:

(i) The expression for Four multiplied by the sum of 13 and 7 is $4 \times (13 + 7)$

(ii) Eight multiplied by the difference of four from nine.

(iii) Divide the difference of twenty eight and seven by 3.

(iv) The sum of 3 and 7 is multiplied by the difference of twelve and eight.

2. Simplify each of the following:

(i) $124 - (12 - 2) \times 9$

Solution:

(i) $124 - (12 - 2) \times 9$ on further simplification we obtain

$$124 - (12 - 2) \times 9$$

$$= 124 - 10 \times 9$$

$$= 124 - 90$$

$$= 34$$

(ii) $(13 + 7) \times (9 - 4) - 18$

(iii) $210 - (14 - 4) \times (18 + 2) - 10$

HARI VIDYA BHAWAN

SOCIAL SCIENCE

WORKSHEET - 8

Topic :- Geography (1st chapter)

Class :- 6th

Date :- 14th April, 2020

Instructions :

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q) Tick the correct answer :-

1. Which is the third nearest planet to the sun?

- a) Venus b) Earth c) Mercury

2. All the planets move around the sun in a –

- a) circular path b) rectangular path c) elongated path

HARI VIDYA BHAWAN

Worksheet – 8

Class – VII

Chapter-Integers

Subject : Mathematics

Date : 14/04/2020

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<https://www.youtube.com/playlist?list=PL6gZDjvcZuwglRYoAOVv62jBCnGx6aDU7> and book pdf(shared on the whatsapp group) for this worksheet as it will help you to understand the topic.

Simplify each of the following:

1. $3 - (5 - 6 \div 3)$

Solution:

Given $3 - (5 - 6 \div 3)$

According to removal of bracket rule firstly remove inner most bracket

We get $3 - (5 - 6 \div 3) = 3 - (5 - 2)$

$= 3 - 3$

$= 0$

2. $-25 + 14 \div (5 - 3)$

3. $45 - [38 - \{60 \div 3 - (6 - 9 \div 3) \div 3\}]$

Using brackets, write a mathematical expression for each of the following:

(i) Nine multiplied by the sum of two and five.

Solution:

(i) $9(2 + 5)$

(ii) Twelve divided by the sum of one and three.

(iii) Twenty divided by the difference of seven and two.

(iv) Eight subtracted from the product of two and three.

(v) Forty divided by one more than the sum of nine and ten.

(vi) Two multiplied by one less than the difference of nineteen and six.

HARI VIDYA BHAWAN

CLASS - 7th

SOCIAL SCIENCE

WORKSHEET - 8

DATE: 14/04/2020

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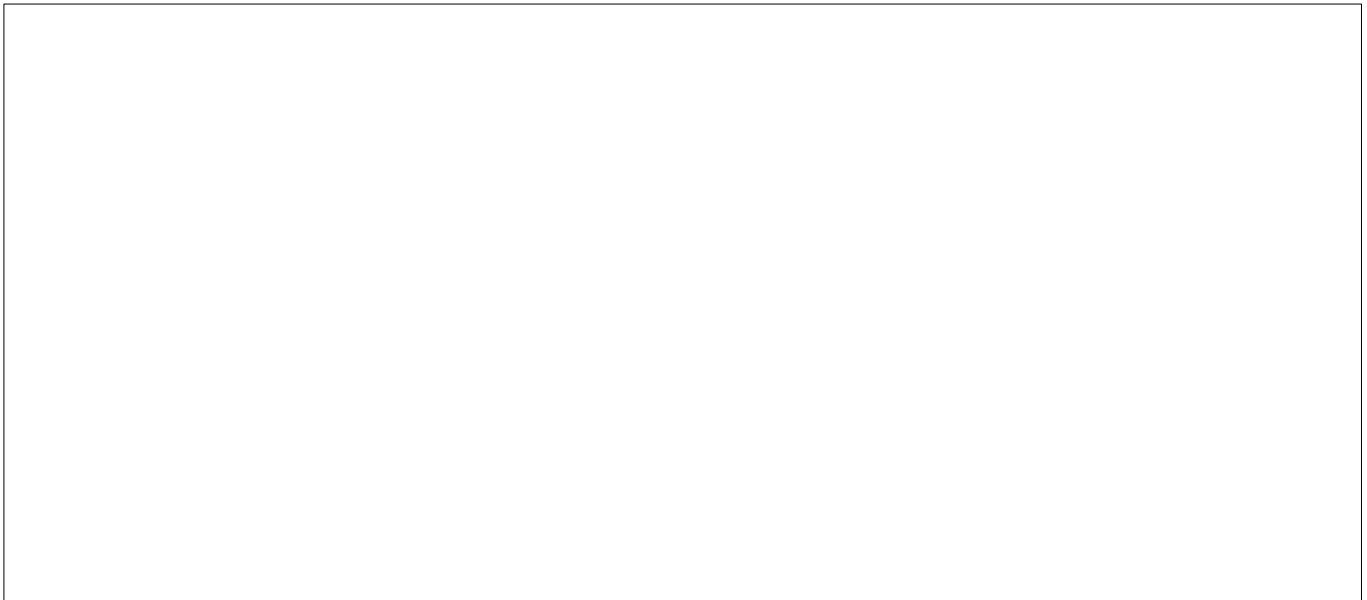
GEOGRAPHY

CHAPTER - 1

TOPIC - NATURAL ENVIRONMENT

(Page no. 97)

Que 1 Draw a labelled diagram of Realms of the Earth:



Que 2 Answer the following questions:

1. Name the four major domains of the natural environment?

2. What are the constituents of the hydrosphere?

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Worksheet – 8

Class – VIII

Chapter-Rational Numbers

Subject : Mathematics

Date : 14/04/2020

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1. Find two rational numbers between $-2/9$ and $5/9$

Solution:

The rational numbers between $-2/9$ and $5/9$ is

$$(-2/9 + 5/9)/2$$

$$(1/3)/2$$

$$1/6$$

The rational numbers between $-2/9$ and $1/6$ is

$$(-2/9 + 1/6)/2$$

$$((-2 \times 2 + 1 \times 3)/18)/2$$

$$(-4+3)/36$$

$$-1/36$$

∴ the rational numbers between $-2/9$ and $5/9$ are $-1/36$, $1/6$

2. Find two rational numbers between $1/5$ and $1/2$.

3. Find ten rational numbers between $\frac{1}{4}$ and $\frac{1}{2}$.

4. Find ten rational numbers between $-\frac{2}{5}$ and $\frac{1}{2}$.

5. Find ten rational numbers between $\frac{3}{5}$ and $\frac{3}{4}$.

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CLASS - 8th

SOCIAL SCIENCE

WORKSHEET - 8

DATE: 14/04/2020

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GEOGRAPHY

CHAPTER - 1

TOPIC - TYPES OF RESOURCES

(Page no.136,137)

Que 1. Give one word answer for the following:

1. An example of human made resource
2. The rate at which resources are produced is called
3. An example of Ubiquitous resource
4. An example of Localised resource

Que 2. Answer the following questions:

1. What do you understand by the term reserve?

2. Mention the factor on which productivity of a resource depends?

3. Distinguish between potential and actual resource?
