

HARI VIDYA BHAWAN

Worksheet – 9

Class – VI

Chapter-2 : Whole Numbers

Subject : Mathematics

Date : 17/04/2020

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=PLCzalJYXP5YftwsXnGWRRX-VYEVQ4MdrL> and **book pdf (shared on the whatsapp group) for this worksheet as it will help you to understand the topic.**

Mark the correct option in each of the following :

1. The smallest natural number is

- (a) 0
- (b) 1
- (c) -1
- (d) None of these

2. The smallest whole number is

- (a) 1
- (b) 0
- (c) -1
- (d) None of these

3. The predecessor of 1 in natural numbers is

- (a) 0
- (b) 2
- (c) -1

(d) None of these

4. The predecessor of 1 in whole numbers is

(a) 0

(b) -1

(c) 2

(d) None of these

5. The predecessor of 1 million is

(a) 9999

(b) 99999

(c) 999999

(d) 1000001

6. The successor of 1 million is

(a) 10001

(b) 100001

(c) 1000001

(d) 10000001

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SOCIAL SCIENCE

WORKSHEET - 9

Topic :- Geography (1st chapter)

Class :- 6th

Date :- 17th April, 2020

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q1) Match the following :-

A

1. The Sun
2. The Moon
3. The Earth
4. Mars & Jupiter
5. The planet with the longest year
6. Saturn & Uranus
7. Halley's comet
8. Saturn
9. Full moon
10. New moon

B

- a) 75 percent water
- b) Asteroid Belt
- c) Neptune
- d) Outer Planets
- e) Natural Satellite
- f) Star
- g) Sixth planet
- h) 76 years
- i) Amavasya
- j) Purnima

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Worksheet – 9

Class – VII

Chapter-2: Fractions and decimals

Subject : Mathematics

Date : 17/04/2020

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<https://www.youtube.com/playlist?list=PLCzalJYXP5Ycvwm57VcZGPPQTGz8dQPHw> and **book pdf(shared on the whatsapp group) for this worksheet as it will help you to understand the topic.**

1. Compare the following fractions by using the symbol $>$ or $<$ or $=$:

(i) $(7/9)$ and $(8/13)$

Solution: (i) Given $(7/9)$ and $(8/13)$

Taking LCM for 9 and 13 we get,

$$9 \times 13 = 117$$

Now we convert the given fractions into its equivalent fractions, then it becomes

$$\underline{(7 \times 13) / (9 \times 13) \text{ and } (8 \times 9) / (13 \times 9)}$$

$$\underline{\text{Therefore } (91/117) > (72/117)}$$

$$\underline{\text{Hence } (7/9) > (8/13)}$$

(ii) $(11/9)$ and $(5/9)$

(iii) $(37/41)$ and $(19/30)$

(iv) (17/15) and (119/105)

HARI VIDYA BHAWAN

CLASS - 7th

SOCIAL SCIENCE

WORKSHEET - 9

DATE: 17/04/2020

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GEOGRAPHY

CHAPTER - 1

OUR ENVIRONMENT

SUB TOPIC - NATURAL AND HUMAN ENVIRONMENT

(Page no. 98,99)

Que 1 Fill in the blanks:

1. Air is a mixture of _____, _____ and _____.
2. _____ is the most abundant gas found in the atmosphere.
3. _____ is the gas that living beings breathe in.
4. The only domain where living beings exists is_____.
5. _____% of nitrogen is present in the atmosphere.
6. The great variety of life on the Earth is called_____.

Que 2 Define the following terms:

- Atmosphere

- Biosphere

- Lumbering

Que 3. Name any two human activities that affect our natural environment?

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Worksheet – 9

Class – VIII

Chapter- 2: Linear equations in one variable

Subject : Mathematics

Date : 17/04/2020

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Q.1. Solve each of the following equations :

i) $5x/3+2/5 = 1$

Solution:

We have,

$$5x/3+2/5 = 1$$

$$5x/3 = 1-2/5 \quad (\text{by taking LCM})$$

$$= (5-2)/5$$

By using cross-multiplication we get,

$$5x/3 = 3/5$$

$$5x = (3 \times 3)/5$$

$$x = 9/(5 \times 5)$$

$$= 9/25$$

$$\therefore x = 9/25$$

ii) $x/2 + x/8 = 1/8$

iii) $x/5 + 1/5 = 2/5x$

iv) $2x/7 + 2/3 = 4/5$

HARI VIDYA BHAWAN

CLASS - 8th

SOCIAL SCIENCE

WORKSHEET - 9

DATE: 17/04/2020

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GEOGRAPHY

CHAPTER - 1

OUR RESOURCES

SUB TOPIC - CONSERVATION OF RESOURCES, SUSTAINABLE DEVELOPMENT

(Page no.137, 138)

Que 1. Define the following terms:

- Conservation of resources

- Sustainable Development

Que 2. List the five rules that you can follow to achieve sustainable development?
