

HARI VIDYA BHAWAN

Date – 23/03/2020

WORK SHEET-2

SUBJECT – MATHEMATICS

CLASS – X

CHAPTER – 1. REAL NUMBER

SESSION - (2020-21)

1. Explain why $(a \times b \times 9 + 9)$ is composite number.
2. Show that any positive odd integer is of the form $6q+1$, or $6q+3$, or $6q+5$, where q is some integer.
3. Prove that $\sqrt{3}$ is an irrational number.
4. Prove that $5+\sqrt{2}$ is an irrational number.
5. Write down a brief biography of Euclid and explain one of his important contribution to mathematics on A4 sheet refer “Wikipedia”. (**Activity**)

NOTES:-

- **Prime numbers** are the numbers which have only two factor i.e (1 & itself)
- **Composite numbers** are the numbers which have more than two factors.
- For questions 3&4 refer NCERT Examples.

HARI VIDYA BHAWAN
SUBJECT-SOCIAL SCIENCE
SESSION – 2020-21
WORK SHEET-2
CLASS- X

Date-23-03-2020

Q1. Define plebiscite.

Q2. Germania was an allegory of

Q3. Who was called the “Bismarck of Italy”?

- a. Mazzini
- b. Garibaldi
- c. Cavour
- d. None of the above

Q4. Which state led the unification of Germany?

Q5. When and who prepared a series of four prints visualizing a world made up of democratic and social republics?

ACTIVITY:- Recognise the picture (see **NCERT** Textbook ,page no-23) and answer the following questions:-

1. Whose painting is it? who painted it and when?
2. What does it signify?