

B. B. S. S. Sec. School

Holidays Home work,

- class X (maths)
- (1) Complete the chapter 1, 2 and ch 3 upto Ex 3.2 in your home work notebook.
 - (2) Solve the exemplar problem related to the chapter 1 and 2 (MCEERT Book)
 - (3) Revise the chapter 1 and 2.
 - (4) Complete the maths lab activities 1 to 6 in your lab activities note book.
 - (5) Find the HCF by Euclid division lemma.

(i) 510, 92

(vi) 54, 1350

(ii) 336, 54

(vii) 1288, 575

(iii) 196, 38220

(viii) 240, 6552

(iv) 275, 970

(ix) 615, 154

(v) 175, 1235

(x) 1385, 155

- (6) Prove that the following numbers are irrational.

(i) $\sqrt{5}$

(ii) $2\sqrt{7}$

(iii) $\sqrt{6}$

(iv) $2 + \sqrt{3}$

(v) $\frac{1}{\sqrt{2}}$

(vi) $6 - \sqrt{3}$

(vii) $5 - 2\sqrt{3}$

(viii) $\frac{2}{\sqrt{5}}$

- (7) Solve the following pair of linear equations by graphical method.

(i) $x + y = 8$
 $2x + y = 12$

(ii) $3x + y + 1 = 0$
 $2x - 3y + 8 = 0$

(iii) $x - 2y = 2$
 $4x - 2y = 5$

- (8) Search the Internet and write the biography of Indian mathematician Brahmagupta or Aryabhata.